



TALLAHASSEE

INDOOR SHOOTING RANGE



Cleaning & Lubricating Your HK Pistol

CAUTION:

The service life and performance of your H&K pistol is dependent upon the correct handling and proper care by the operator. This means you!

I. HK45 Cleaning

A. Materials Required – HK Handgun Cleaning Kit #701958 (.45ACP) is available for thorough cleaning of the HK45 pistol. At a minimum, we suggest the following materials to properly clean the HK45.

- Cleaning rod with handle and patch holder
- Nylon toothbrush
- Bronze bristle bore brush (in the appropriate caliber)
- Cleaning patches
- Lint-free wiping rag
- Cleaning solvent/lubricant
- Cotton Swabs

CAUTION:

Use safety goggles when using solvents and exercise care if using compressed air.

B. Recoil Spring Assembly – Remove all visible fouling using solvent, a nylon toothbrush, a rag and cotton swabs.

C. Barrel –

1. Moisten a bronze bore brush with solvent and pass the brush through the bore from chamber to muzzle at least six (6) passes. DO NOT PULL BRUSH BACK TOWARDS CHAMBER.
2. Remove the loose fouling from the bore using cleaning patches.



3. Gently scrub the exterior of the barrel and locking block with the nylon toothbrush moistened with solvent.

4. Remove all loose fouling from the exterior of the barrel using a rag and cotton swabs.

D. Frame –

1. Gently scrub all internal surfaces where carbon fouling is present using the nylon toothbrush moistened with solvent. Concentrate on the area normally covered by the slide.

2. Using a rag and cotton swabs, remove all loose fouling from all areas of the frame.

E. Magazine –

1. Gently scrub the top of the magazine, concentrating on the follower and feed lips, using the nylon toothbrush moistened with solvent.

2. Using a rag and cotton swabs, remove all loose fouling from all surfaces of the magazines.

F. Major Cleaning – Major cleaning is the same as normal cleaning expect that:

- The magazine is disassembled for cleaning
- All parts should be rinsed with, or immersed in, solvent and thoroughly scrubbed with a nylon brush. The parts can then be dried using compressed air or with a rag and cotton swabs.



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NOTE:

All parts of the HK45 can be immersed in any cleaning solvent that it is safe to put your hands into, including ultrasonic cleaning solution. **Use of ultrasonic cleaning machines can result in the unwanted removal of colored reference markings of the frame, extractor, and control lever (where applicable).**

II. HK45 Inspection

During and after cleaning, visually inspect the pistol and its components for any irregularities that may cause problems or stoppages during operation. Generally, you should keep a watchful eye out for the discrepancies listed below.

- Damaged or missing parts
- Improper assembly or function
- Absence of free movement, where applicable
- Absence of spring tension, where applicable
- Unaccustomed looseness
- Parts exhibiting signs of cracks, burrs, dents, or obvious signs of damage
- Presence of stops or tactile cracks, where applicable
- General overall cleanliness
- Presence of sufficient lubrication
- Presence of corrosion or degradation of surface finish



III. HK45 Lubrication

Metal surfaces of the HK45 pistol are treated with HK's special corrosion and wear resistant finish. This surface treatment does not completely reduce the friction between moving parts, and it is recommended that a lubricant be applied to the pistol to ensure proper functioning. Any type of high-quality, medium weight lubricant (oil) specifically designed for use on firearms will work well on the HK45. Do not use lubricants that boast of their ability to penetrate metal as these substances may deaden primers!

Reapply lubricant periodically during firing as it burns off from the heat. Apply lubricant using a clean shaving brush, cotton swabs, patches or rag. A spray bottle of lubricant also works well when using compressed air to circulate the lubricant into all parts and to remove the excess from the pistol.

A. Where and How Much –

1. No Lube: Surface is dry and not slippery to the touch
 - All plastic and rubber components
2. Light Lube: A finger run across the surface yields some lube but lube does not run down surface when it is held in a vertical position.
 - Bore, chamber, and exterior of barrel
 - All metal parts
 - All internal parts in slide and frame
3. Medium Lube: A finger run across the surface yields some lube but lube does not run down surface when it is held in a vertical position.
 - Barrel locking block
 - Slide rails and grooves
 - All operating controls
 - Locking insert and guiding part in frame



- Extractor

4. Heavy Lube: Lubrication runs down the surface when it is held in a vertical position.

- NO HEAVY LUBE is required on the HK45

IV. Troubleshooting Problems and Repair

The 10 inspection areas listed above should be checked prior to contacting Tallahassee Indoor Shooting Range if your pistol fails to function properly. Other common causes of problems that are often overlooked include:

- Fouled or improperly lubricated pistol
- Bad ammunition
- Damaged magazines
- Operator error

If your HK45 pistol still fails to function, please contact Rob Kornegay at Tallahassee Indoor Shooting Range **(850) 727-GUNS**.

WARNING:

This pistol has been developed by capable and experienced engineers. Its present design represents an optimization of a combination of safety, speed of deployment, accuracy, dependability, and durability. DO NOT attempt to make this pistol "better" by altering any of its components. Altering ANY part of the pistol or magazine may cause injury or death and will also void any Heckler & Koch warranty of the product.