

OPERATOR'S MANUAL

MARK 23



⚠ WARNING Read this manual carefully before handling, loading, or using your Mark 23 pistol.

⚠ WARNING Like most modern handguns, the Mark 23 pistol is designed with a conventional manual safety. Therefore, you must consider it to be loaded and ready to fire until you have removed the magazine and visually and physically (with your finger) confirmed that the chamber is empty.

SAFETY RULES: Read this entire Operator's Manual carefully and thoroughly before using, handling, or loading your firearm. The warnings and instructions in this Operator's Manual are important. Firearm safety is YOUR responsibility. DO NOT use this firearm if you DO NOT fully understand the warnings and instructions in this Operator's Manual. Firearms can be dangerous if not handled properly and safely. Failure to follow the warnings and instructions in this Operator's Manual, or the improper use of this firearm, may result in serious injury or death, damage to the firearm, or other damage to property. This manual should always accompany your HK Mark 23 pistol if it is sold, given, or loaned to another person.

Whether you are an experienced shooter or have never handled a firearm before, you must read this entire manual carefully before handling, loading, or firing your HK Mark 23 pistol. Your safety and the safety of others depends upon you following the instructions and warnings in this manual and constant use of safe firearms practices. If you are unfamiliar with firearms, take a course in the safe handling of firearms conducted by a qualified firearms instructor, your local gun club, or a similar qualified organization.

This manual contains safety warnings and instructions preceded with, **▲WARNING** **▲CAUTION** or **▲NOTICE** symbols. These signal words are designed to draw your attention to important safety information.

▲WARNING Indicates a hazardous situation which, if not avoided, could result in death or serious personal injury.

▲CAUTION Indicates a hazardous situation which, if not avoided, could result in moderate or minor personal injury.

▲NOTICE Indicates safety practices not related to personal injury.

These Warnings, Cautions and Notices will apply at all times.

▲WARNING Failure to follow the safety information and instructions in this manual could result in death, serious personal injury and/or property damage.

▲WARNING Treat all firearms as if they are ALWAYS loaded. If any firearm is handled carelessly or improperly, you could cause a negligent discharge, which could result in death, serious personal injury, and/or property damage.

▲WARNING Keep your finger off the trigger and outside of the trigger guard until your sights are aligned on the target and you are ready to fire.

▲WARNING Keep your finger off the trigger and outside of the trigger guard while loading or unloading the firearm.

▲WARNING Keep your finger off the trigger and outside of the trigger guard while pulling the firearm out of the holster or while returning it to the holster.

▲WARNING Be sure of your target, backstop, and what is beyond.

▲WARNING NEVER give a firearm to or take a firearm from anyone unless the action is open, and the magazine and chamber are free of any ammunition or brass.

▲WARNING NEVER take anyone's word that a firearm is unloaded. ALWAYS check for yourself, with the firearm pointed in a safe direction and your finger off of the trigger and outside the trigger guard.

▲WARNING Be sure that the ammunition you are using is factory loaded, is of the correct caliber for the firearm in which it is to be used, and that it is not damaged in any way. Do not use reloaded, remanufactured, or handloaded ammunition as it may not meet applicable NATO, SAAMI or CIP standards.

- ▲ WARNING** Before firing, remove the magazine from the firearm, lock the action open, make sure the chamber is CLEAR of any ammunition or brass, and check the barrel of the unloaded firearm for any possible obstructions.
- ▲ WARNING** Before firing any firearm that is unfamiliar to you, make sure that you understand exactly how it functions. A lack of familiarity with the firearm can result in serious injury or death, damage to the firearm or other damage to property. Attend a certified training course on any firearm which you intend to use or with which you are not sufficiently familiar.
- ▲ WARNING** ALWAYS wear adequate ear protection and eye protection when using your firearm. Ear protection should be commercially manufactured, at a minimum, provide a noise reduction rating (NRR) of 24 decibels. Eye protection should, at a minimum, provide impact protection with side panels and meet ANSI standard Z87.1.
- ▲ WARNING** Firearms should be locked and stored unloaded, secured, and separately from ammunition in a suitable container out of the sight and reach of children and/or any unauthorized individuals.
- ▲ WARNING** Never store or transport ammunition in the same container as your pistol.
- ▲ WARNING** Alcohol or drugs should NEVER be used before or during use or handling of a firearm. Your vision, balance, coordination, and judgment could be seriously impaired, making your firearm handling unsafe.
- ▲ WARNING** If or when you are taking medication, ALWAYS seek a doctor's advice to be sure you are able to use and handle your firearm properly and safely.
- ▲ WARNING** NEVER alter or modify your firearm because alterations or modifications may impair the use of the firearm, including causing malfunctions or dangerous conditions.
- ▲ WARNING** Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead; a substance known to be associated with birth defects, reproductive harm and other serious injury or death. Always have adequate ventilation. Wash hands thoroughly after handling ammunition, firing your pistol, and/or performing preventative maintenance on your pistol to minimize your lead exposure.
- ▲ CAUTION** Keep all body parts, including the hands and fingers, away from the muzzle to avoid injury or burns.
- ▲ CAUTION** Be sure that no part of either hand touches or interferes with the slide. The slide is moved backward by the recoil force of the pistol during firing and may cause serious injury.

Not all HK products are available to all U.S. states. Please check local laws and regulations before ordering. Heckler & Koch does not warrant that a person may legally purchase, possess, or carry specific items according to federal, state, or local laws.

Before leaving the factory, your HK Mark 23 pistol was tested, carefully inspected, and packaged. However, HK cannot control what happens to its pistols after they leave the factory, therefore, carefully examine your HK Mark 23 pistol when you acquire it to ensure that it is unloaded and undamaged.

If you need another copy of this manual, do not understand any of the warnings or instructions, or if you have any problems operating your HK pistol, contact us at:

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⚠ WARNING READ THE INSTRUCTIONS AND WARNINGS IN THIS OPERATOR'S MANUAL CAREFULLY BEFORE USING OR HANDLING THIS FIREARM. A firearm has the capability of taking your life or the life of someone else! Be extremely careful with your firearm. An accident can occur at any time and is almost always the result of not following basic safety rules.

OPERATOR'S MANUAL MARK 23



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DO NOT DISCARD THIS OPERATOR'S MANUAL. This Operator's Manual should be kept with this firearm and be transferred with this firearm if there is a change in ownership or it is presented to another person.

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SECTION 1 NOMENCLATURE

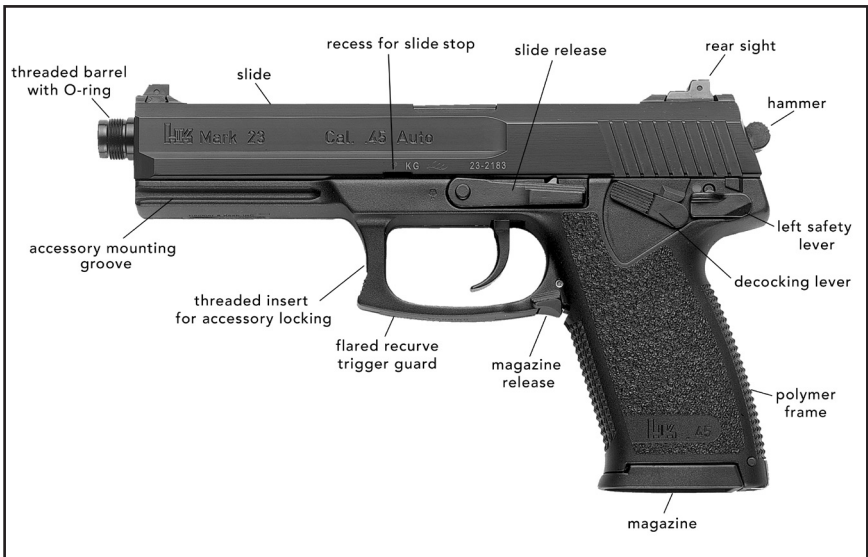


Figure 2 – Mark 23 (left)



Figure 3 – MK23 (Mark 23) Cutaway

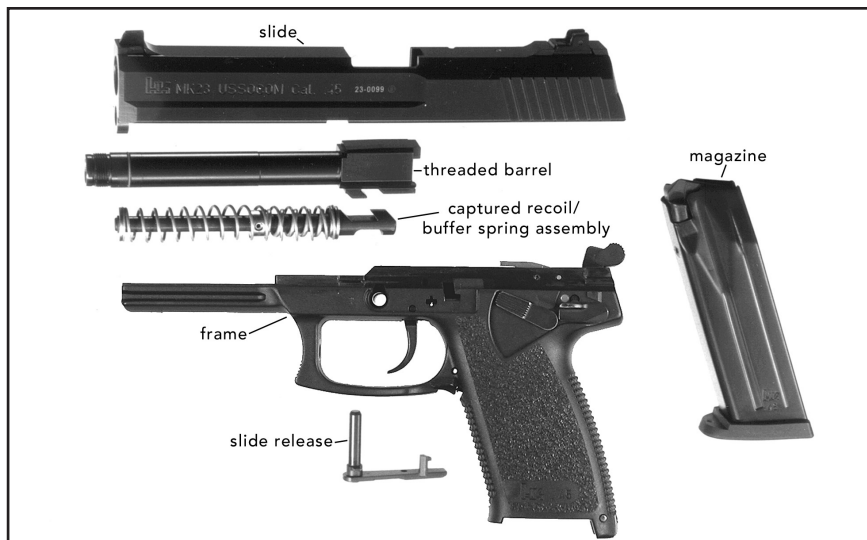


Figure 4 – Sub-Assembly Groups

SECTION 2 SPECIFICATIONS

MARK 23

Caliber	.45 ACP
Operating Principle	Short recoil, semi-automatic
Action Type	Modified Browning type, linkless
Magazine Capacity	10 or 12 rounds

DIMENSIONS & WEIGHT

Length	9.65 in. (245 mm)
Barrel Length	5.87 in. (149 mm)
Sight Radius	7.76 in. (197 mm)
Height without magazine	5.90 in. (150 mm)
Width of Frame	1.58 in. (38.8 mm)

Weight (with empty 12-round magazine)	2.66 lbs. (1.21 kg)
Weight of empty 12-round magazine	.81 lbs. (.366 kg)
Weight of empty 10-round magazine	.72 lbs. (.327 kg)

OTHER DATA

Trigger Pull Single-action	Approx. 4.8 lbs. (2.20 kg)
Trigger Pull Double-action	Approx. 12.13 lbs. (5.50 kg)
Twist Length	378 mm (14.88 in.)
Slide Force (to retract slide)	8.5 kg (18.74 lbs.)

MISCELLANEOUS

Safety Features	Double-action mode with 12 pound trigger pull, Firing pin block, Disconnecter, Manual Safety
Sights	Fixed U-shaped notch, adjustable for windage & elevation, standard 3-dot

INSTRUCTIONS FOR USE OF MARK 23 THREAD PROTECTORS



Thread protectors must be removed from the handgun's barrel prior to disassembly and assembly of the handgun. Use of "lock tight" thread adhesives is not recommended. **Do not overtighten thread protectors.**



SECTION 3 FUNCTION AND OPERATION

CYCLE OF OPERATION

Cycle of Operation begins with weapon loaded, hammer cocked and safety lever disengaged. The Mark 23 is a semi-automatic, magazine-fed, recoil-operated, double/single-action pistol, chambered for the .45 ACP cartridge, up to and including the commercial +P cartridges.

▲WARNING The Mark 23 incorporates single (SA) and double-action (DA) modes of operation. Anytime the trigger is pulled with the safety lever in the FIRE (downward) position and a round in the chamber, the pistol will fire from either the hammer down/lowered (DA) or cocked position (SA).

▲CAUTION A pair of Universal Mounting Grooves located on the front of the Mark 23 frame allow for a variety of accessories to be used with the pistol. Improperly designed or installed accessories may result in damage to the Mark 23 mounting grooves and/or the Mark 23. Such damage is not covered under warranty. Use only HK authorized accessories and follow installation and precautions carefully.

NOTICE Accessories designed for the Universal Self-loading Pistol (USP) will not work on the Universal Mounting Grooves of the Mark 23.

▲WARNING The pistol should always be carried with the safety lever engaged when carried in the single-action mode. The safety lever can be moved to the "fire" position (down) with a minimal amount of force (although there is a spring detent to provide some resistance to this movement). The safety lever could be accidentally moved from "safe" to "fire" during careless handling or during removal of the pistol from the holster. Always check the position of the safety lever during handling.

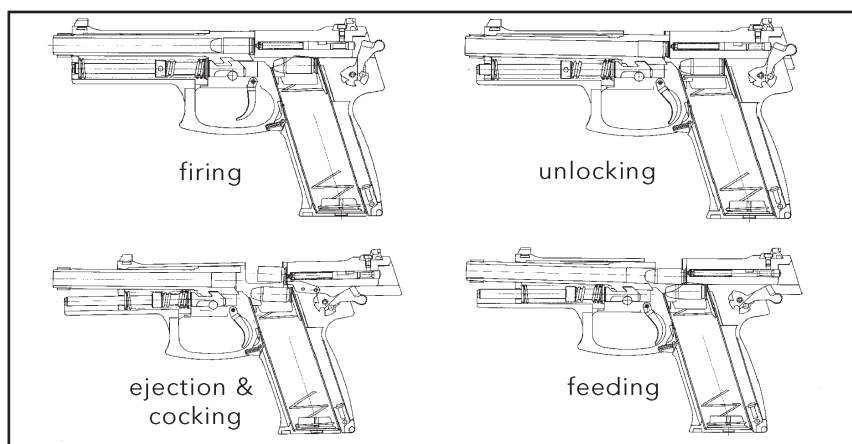


Figure 5 – Cycle of Operation

- 1. Firing** - Pulling the trigger rearward pulls the trigger bar forward. The trigger bar pivots the sear actuator upward which disengages the firing pin block. At the same moment, the sear is pivoted out of engagement from the lower of the two shelves located on the hammer. The compressed hammer spring drives the hammer forward into the rear end of the firing pin. The firing pin strikes the primer of the chambered round. The propellant is ignited by the primer and propellant gases are created inside the cartridge case. The propellant gases drive the projectile down the polygonal bore which spins the projectile in a clockwise direction as a means to stabilize the projectile's flight.
- 2. Unlocking** - The gas pressure and energy produced by the propellant gases push rearward on the slide, which is locked to the barrel by the engagement of the barrel locking block within the ejection port milled into the slide. The opposing angled locking surfaces incorporated into the design of the barrel locking block and recoil spring guide rod cause the rear of the barrel to tilt downward as the slide moves rearward. By the time the slide and barrel have recoiled approximately 5 mm, the projectile has left the barrel and the gas pressure within the chamber has dropped to a safe level. The barrel locking block then disengages from the slide. The slide is now free to recoil rearward independently of the barrel.
- 3. Extraction** - The empty cartridge case is held firmly against the face of the slide by the claw of the extractor as the slide recoils rearward.
- 4. Ejection** - The rim of the cartridge case strikes the stationary ejector. The empty case is ejected from the open ejection port.
- 5. Cocking** - As the slide continues rearward the recoil impulse is dampened by the buffer spring. The recoil spring is compressed and the hammer recocks.
- 6. Feeding** - The compressed recoil spring drives the slide forward. If the magazine is empty, the magazine follower will lift the slide release to a point where it will stop the forward progress of the slide. If the magazine is not empty, the breech face of the slide will make contact with the top round in the magazine. The round will be driven from the magazine toward the chamber. The tip of the projectile is guided into the chamber by the magazine lips until the round clears the magazine completely. At that moment the claw of the extractor snaps onto the rim of the cartridge case as it becomes parallel with the bore.
- 7. Chambering** - The slide pushes the cartridge forward until the projectile enters the mouth of the forcing cone of the bore and the breech face of the slide contacts the rear of the barrel locking block.
- 8. Locking** - The slide presses the barrel forward. As it does, the opposing angled surfaces of the barrel locking block and recoil spring guide rod pivot the rear end of the barrel up into engagement with the ejection port in the slide. The slide is now fully forward and the new round is ready to be fired.

SAFETY FEATURES

▲ WARNING Your Mark 23 pistol has a conventional manual safety and it will fire if the safety is deactivated and the trigger is pulled when there is a round in the chamber.

▲ WARNING Although HK pistols have several design features and mechanical safeties designed to prevent an unintentional discharge if the pistol is dropped or hit, proper and safe function of your Mark 23 pistol depends upon it only being used for its intended purpose and not being altered or modified. As with any mechanical device, parts failures can occur if your Mark 23 pistol is subjected to unusual and extreme forces. Therefore, to minimize the risk of negligent discharge, serious injury, or death, safe firearm handling practices and the warnings and instructions in this manual must always be followed.

NOTICE The Mark 23 is tested and rated to AC225/TOP/SAAMI drop standards. Firearms are dropped from a specified height, designed to simulate a handgun slipping from a user's hand in multiple orientations.

- 1. Safety Lever** - This safety blocks the release of the cocked hammer in the single-action mode. The safety lever is an external, manually operated, ambidextrous "thumb" lever located on the left and the right side of the frame furthest back from the trigger. The safety lever must be manually actuated by the operator. The shaft of the safety lever moves the sear block into a position where it blocks the movement of the sear actuator. The sear actuator, in turn, does not allow the sear to pivot forward and thus the hammer cannot be released. Engaging the safety lever also interrupts the function of the decocking lever and blocks the hammer mechanically. The safety lever does not restrict the movement of the slide. The safety lever is held in either the fire or safe position by a spring detent. The safety lever cannot be placed in the safe (up) position when the hammer is down (uncocked).



Figure 6 – "Safe" Position
(hammer cocked)



Figure 7 – "Fire" Position
(hammer cocked)

NOTICE The safety lever cannot be placed in the "SAFE" (up position) if the hammer is uncocked.

- 2. Double-Action Mode** - The double-action mode operates as a passive safety feature in the pistol, much as this mode of operation would in any double-action mode revolver or pistol. The hammer is left uncocked until the decision to fire is made. At all times, the firing pin is locked by the firing pin block until the trigger is pulled. Approximately 12.1 pounds of pressure on the trigger is required to cock and release the hammer in the double-action mode of operation. The mode of operation also permits subsequent hammer strikes on the same chambered round by simply re-squeezing the trigger.
- 3. Firing Pin Block** - This safety prevents the firing pin from striking the primer when the weapon is dropped, the hammer is bumped, or when the slide slams forward. The firing pin block is located in the slide and blocks the forward movement of the firing pin. Only when the trigger is depressed can the sear actuator push the firing pin block upward against the downward pressure exerted by the firing pin block spring. Once the round has been fired and the slide begins to recoil, the firing pin block is pushed back down by the firing pin block spring and engages within the recess provided in the center portion of the firing pin.
- 4. Disconnector** - This disconnector prevents the release of the hammer unless the slide is fully forward and/or the trigger is reset (released) between rounds. This important safety prevents serious malfunctions from occurring, such as "slam-fires" (rounds that fire during loading), automatic fire, or a round being fired out of the battery (with the breech unlocked). The disconnector disconnects the engagement of the trigger bar and the sear actuator. The disconnector is engaged (operating) after the slide has moved approximately 5 mm to the rear. The slide presses the leading edge of the disconnector down and into engagement with the trigger bar. When the slide is fully forward, the leading edge of the disengaged disconnector resides in a recess provided in the bottom of the slide.
- 5. Firing Pin Spring** - The spring constantly presses upon the firing pin to help eliminate the possibility of the firing pin striking the primer when the slide goes into battery, either by chambering the first round or by subsequently shooting the firearm. Pulling the trigger releases the hammer, which swings forward with enough energy to overcome the force of the firing pin spring when striking the back of the firing pin.
- 6. Lock-Out Device** - When activated, the lock-out device blocks the downward movement of the hammer strut which then precludes the forward movement of the hammer. The lock-out device is mounted in the grip insert. The lock-out device feature is engaged by inserting the two-pronged key into the insert and rotating the gun lock clockwise. This action pivots the gun lock and blocks the downward movement of the hammer strut. With hammer strut frozen by the lock-out device, the hammer is unable to cock, and the trigger bar is unable to move forward. When the lock-out device feature is disengaged, a channel in the gun lock allows the hammer strut to pivot downward when the slide passes over the hammer or when the trigger is pulled.

AMMUNITION

▲WARNING Mark 23 pistols are designed to fire quality, brass-cased, factory-loaded ammunition loaded to NATO, SAAMI (Sporting Arms and Ammunition Manufacturers' Institute), or CIP (Permanent International Commission for the Proof of Small Arms) specifications for use, specifically in handguns. **DO NOT USE "+P+", reloaded, remanufactured, steel cased, aluminum cased, or handloaded ammunition because it may not meet applicable NATO, SAAMI or CIP standards and could cause death, serious personal injury, and/or damage to your pistol and may void your warranty.**

NOTICE HK specifically disclaims any responsibility for any damage or injury that may occur because of, or as a result of, the use of faulty, remanufactured, or reloaded (handloaded) ammunition, or of cartridges other than those for which the pistol was originally chambered.

Consider the following guidelines when selecting the correct ammunition which meets applicable NATO, SAAMI or CIP standards for your pistol:

1. Be sure the ammunition you have chosen is compatible with your pistol: proper caliber, cartridge, bullet weight, etc. Caliber markings on Mark 23 pistols appear on the barrel locking block, visible through the ejection port on the right side of the slide.
2. Prior to loading the magazine and chamber, carefully inspect all cartridges for any abnormalities, including, but not limited to:
 - Cracked, split, dirty, or corroded cases
 - Improperly seated projectiles and/or primers
 - Damaged projectiles
3. Do not attempt to fire a cartridge in which the projectile has been forced back into the case. Upon firing, this condition may result in increased chamber pressure above safe limits.
4. Do not fire ammunition that:
 - Is military surplus
 - Is assembled with corrosive primer and/or propellant
 - Steel or aluminum cased ammunition
 - Cast lead projectiles
 - Is exposed to oil, grease, water or direct sunlight. If possible, remove contaminants before use and cool down ammunition exposed to direct sunlight or heat. (Exposure to sources of heat could raise the chamber pressure of the cartridge above safe limits).
 - Is loaded specifically for use in submachine guns
 - Is rated as +P+

FILLING AND EMPTYING THE MAGAZINE

▲ WARNING NEVER forcefully insert a loaded magazine into a pistol. This may cause the pistol slide to close, chambering a cartridge and making the pistol ready to fire. When inserting a magazine, always be sure the pistol is pointed in a safe direction (a safe direction is one in which no one can possibly be injured in the event of an unintentional discharge) with your fingers off the trigger and outside the trigger guard. Failure to do so could cause you to unintentionally fire the pistol, resulting in serious injury, death, or other damage to property.

NOTICE Do not attempt to load more than the prescribed number of cartridges into the magazine. Do not alter the shape of the magazine housing, follower or spring. To do so may cause stoppages or the magazine may not seat properly in the pistol.

Filling the Magazine



Figure 8 – Loading the magazine

1. Hold the magazine in the non-firing hand with the back side of the magazine resting against the palm.
2. Using the firing hand, hold a cartridge between the index finger and thumb with the projectile facing the palm.
3. Press the rim of the cartridge down against the forward edge of the magazine follower or on the top cartridge already in the magazine.
4. Slide the cartridge back into the magazine under the feed lips.
5. Repeat steps 1-4 until the magazine is full. The viewing holes in the back of the magazine allow the operator to confirm the number of cartridges present within the magazine.

Emptying the Magazine - Exert pressure with a finger on the rim of the cartridge and push each cartridge forward out of the magazine one at a time until the magazine is empty.

LOADING

▲WARNING Mark 23 pistols are designed to fire quality, brass-cased, factory-loaded ammunition loaded to NATO, SAAMI (Sporting Arms and Ammunition Manufacturers' Institute), or CIP (Permanent International Commission for the Proof of Small Arms) specifications for use, specifically in handguns. **DO NOT USE "+P+",** reloaded, remanufactured, steel cased, aluminum cased, or handloaded ammunition because it may not meet applicable NATO, SAAMI or CIP standards and could cause death, serious personal injury, and/or damage to your pistol and may void your warranty.

NOTICE HK specifically disclaims any responsibility for any damage or injury that may occur because of, or as a result of, the use of faulty, remanufactured, or reloaded (handloaded) ammunition, or of cartridges other than those for which the pistol was originally chambered.

Administrative Loading - Used to initially load the pistol before it is to be fired. Slide rearward or forward, chamber EMPTY.

Method A (Slide rearward, chamber empty)

1. Make sure fingers are outside of trigger guard and pistol is pointed in a safe direction at all times!
2. Insert magazine firmly into the frame. Tug on magazine to ensure that it is fully seated and engaged.
3. Depress the slide release lever to release the slide and to chamber the first round. Do not ride the slide forward!
4. Engage safety lever or depress decocking lever.

Method B (Slide forward, chamber empty)

1. Make sure fingers are outside of trigger guard and pistol is pointed in a safe direction at all times!
2. Insert magazine firmly into the frame. Tug on magazine to ensure that it is fully seated and engaged.
3. Retract the slide fully and release. Do not ride the slide forward!
4. Engage safety lever or depress decocking lever.

SIGHTS AND AIMING

1. The mechanical sights supplied with the Mark 23 pistol are comprised of a fixed front sight post combined with a rear sight with u-shaped notch of a conventional configuration. Both front and rear sights are held in place on the slide within a standard dovetail groove. The rear sight is secured with a retaining screw. Elevation adjustment can be made by replacing the rear sight.
2. Both front and rear sights contain white circles that appear as dots to the operator. One dot is positioned on either side of the rear sight aperture and in the center of the front sight post. When the sights are properly aligned vertically and horizontally, so are these dots. Thus, the three dots can be used for rapid acquisition of the sights and proper sight alignment.

Adjustment - The battlesight zero of the Mark 23 pistol is easily adjusted by moving or replacing the rear sight.

NOTICE All windage and elevation adjustments are made using only the rear sight.

Windage adjustments - To adjust the horizontal (left and right) impact of the projectile, follow the steps below:

1. "CLEAR" the Pistol! (See Clearing and Safety Procedure in Section 4)

2. Note the index mark on the rear sight and its relationship to the index mark on the slide.
3. Loosen the rear sight retaining screw using a screwdriver.
4. With a small hammer and brass or soft metal drift punch, drift the sight to the:
 - LEFT to move the point of impact to the left.
 - RIGHT to move the point of impact to the right.
 - The amount of movement will depend on the individual shooter and the ammunition used.

NOTICE Always strike the sight on the sight base, not on the sight blades.

5. Retighten the rear sight retaining screw.
6. Confirm your battlesight zero by firing the pistol again.

Elevation Adjustments - To adjust the vertical (up and down) impact of the projectile, follow the steps below:

1. "CLEAR" the Pistol! (See Clearing and Safety Procedure in Section 4)

2. Determine the amount of vertical change, in inches, that is required at 25 meters.

NOTICE The the index mark on the rear sight and its relationship to the index mark on the slide.

3. Loosen and remove the rear sight retaining screw using a screwdriver.
4. With a small hammer and brass or soft metal drift punch, drift the sight completely out of either side of the dovetail groove.
5. Note: The marking on the bottom of the rear sight (the standard sight is unmarked).
6. Select a higher or lower rear sight from Figure 9.
7. Using the brass or soft metal punch and hammer, install the new sight into the dovetail groove.
8. Align the index marks of the rear sight and slide as noted in Notice above.
9. Reinstall and tighten the rear sight retaining screw.
10. Confirm your battlesight zero by firing the pistol again.

Rear Sight Selection - The rear sight is marked with -6, -4, -2, unmarked, +2, +4, or +6. This marking represents the amount of vertical change, in inches, that occurs when that sight is exchanged with the sight originally installed in the pistol.

- To RAISE the point of impact, install a higher rear sight.
- To LOWER the point of impact, install a lower sight.

Example: The pistol is shooting 4-inches high at 25 meters. We want the pistol to shoot dead-on (point of aim, point of impact). The rear sight removed from the pistol is unmarked (standard).

- Figure 9 shows that the rear sight marked -4 would lower the point of impact two increments, or a total of 4 inches, from the standard unmarked rear sight removed from the pistol.
- The -4 sight would be the correct one to install.

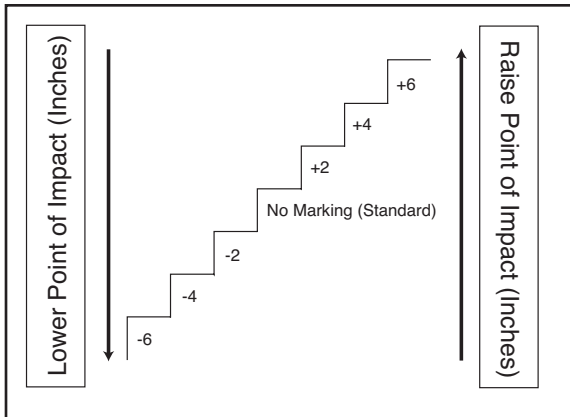


Figure 9

Zeroing

1. The battlesight zero of the Mark 23 pistol is set by the manufacturer using +P 185 grain JHP ammunition. The pistol is fired from a machine rest at a target positioned 25 meters from the pistol. The pistol is zeroed point of aim, point of impact (POA/POI). This means the impact of the projectile on target will coincide with the point of aim of the sights at 25 meters.
2. Each individual operator of the Mark 23 pistol can battlesight zero their pistol to their unique shooting style by adjusting the sights in accordance with the procedures above.

FIRING

▲WARNING ALWAYS be sure of your target and what is behind it! A bullet from a pistol can travel as far as 2 miles. It can easily penetrate wood, plasterboard walls, or even a car door. ALWAYS be sure that your backstop is adequate to stop and contain bullets before firing so that you do not hit anything outside of the shooting range area.

▲WARNING NEVER shoot at a hard surface, such as a rock, or a liquid surface, such as water, because a bullet may ricochet and travel in any direction, striking you or someone else. If in doubt, do not shoot.

▲WARNING ALWAYS be sure that the barrel of your pistol is clear of obstructions before firing. If any obstruction is found, remove it – including any excess lubricants – before firing so that your pistol will function safely and correctly. Any obstruction in the barrel could prevent the pistol from firing properly and result in death or serious personal injury, and/or damage to the pistol.

▲WARNING NEVER use your Mark 23 pistol if it fails to function properly, and never force the slide closed on a jammed cartridge because it could cause the cartridge to explode.

▲WARNING ALWAYS wear adequate eye protection when firing the pistol. Eye protection should, at a minimum, provide impact protection with side panels and meet ANSI standard Z87.1. Unprotected eyes can be injured by fragments expelled from the pistol, ejected cartridge cases, ruptured cartridge cases, splash back from targets, target frames, or backstops.

▲WARNING ALWAYS wear adequate commercially manufactured ear protection when firing the pistol. Ear protection should be commercially manufactured, at a minimum, provide a noise reduction rating (NRR) of 24 decibels. Unprotected exposure to gunshot noise can cause tinnitus and/or permanent hearing loss.

▲WARNING Hot gasses and powder are forcefully expelled from your pistol when it is fired. ALWAYS be sure that your hands and all parts of your body are kept away from the muzzle of your pistol.

▲WARNING ALWAYS ensure that a responsible and competent person is placed in charge to maintain safety, discipline, and control when a group is firing at a range, to reduce the likelihood of a negligent discharge.

▲WARNING ALWAYS carry your pistol unloaded with the slide locked open in the rearward position while on a range until preparing to fire. Always keep the pistol pointed toward the backstop when loading, firing, and unloading.

▲CAUTION When ready to fire, be sure that the area behind the slide is clear, including your thumb, and do not hold the pistol near your body, because the slide will move forcefully rearward when the pistol is fired. When firing with a two-handed grip, the thumb of the weak hand should be on the weak hand side of the pistol, never behind the slide.

▲CAUTION ALWAYS keep yourself and others clear of the ejection port because spent cartridges are hot and are ejected with enough force to cause injury. NEVER touch the slide or barrel immediately after firing, because they may be hot and could cause burns.

▲CAUTION NEVER place your fingers in the ejection port, other than when the slide is locked in the fully rearward position and you are checking to ensure that the chamber is empty. Your fingers could be injured by the movement of the slide.

▲CAUTION NEVER fire your pistol near an animal unless it is trained to accept that noise. An animal's startled reaction could injure it or cause it to injure you or someone else.

▲CAUTION Single-action mode trigger pull is lighter and shorter than double-action mode. Keep your finger off the trigger and outside the trigger guard except when firing the Mark 23.

READYING THE PISTOL FOR FIRING

Disengage the safety lever (if engaged). Red hazard dot will be visible above safety lever.

▲WARNING (1) BE SURE OF YOUR TARGET AND WHAT IS BEHIND IT! Even a .45 caliber projectile can easily penetrate wood, plasterboard walls, or a car door, and can travel as far as two miles! (2) Ensure that all parts of your hand and body are kept away from the muzzle of the pistol at all times! (3) Always wear eye and ear protection where possible when firing the pistol. (4) Whenever the pistol is dropped on a hard surface landing on the hammer (cocked or down), it should be sent to the HK Customer Service Department as soon as possible to inspect the sear axle. If the sear axle is bent it should be replaced.

FIRING THE PISTOL

Single-action mode (hammer back/cocked) affords the operator the best and lightest trigger pull (approximately 4.8 lbs.) for precise and accurate bullet placement.

With manual safety disengaged:

1. Aim at the target.
2. Fire the weapon by pressing the trigger straight to the rear with gradually increasing pressure.
3. Engage the safety lever to remain in the single-action mode once firing is completed.

▲CAUTION Single-action mode trigger pull is lighter and shorter than double-action mode. Keep your finger off the trigger and outside the trigger guard except when firing the Mark 23.

Double-action mode (Hammer down/uncocked) provides the operator with a long, heavy (12.1 lbs.) trigger pull for the first shot only. Subsequent shots will be fired in single-action mode as the slide will automatically cock the hammer after each round is fired. The double-action mode of fire is often the preferred mode of fire when safety during handling and carrying is of greater concern than first round accuracy.

1. Aim at the target.
2. Fire the weapon by pressing the trigger straight to the rear with gradually increasing pressure.
3. Depress the decocking lever to lower the hammer to return to the double-action mode once firing is complete, or engage the safety lever to remain in the single-action mode.

UNLOADING AND SAFETY CHECK

▲WARNING The firearm is not **EMPTY** or unloaded until the magazine is removed and the chamber is clear. It is possible that a cartridge may be in the chamber when a magazine is being removed from or inserted into your pistol. A cartridge in the chamber will discharge when the trigger is pulled, whether or not a magazine is in your pistol. **NEVER** leave your pistol unattended, even when the magazine is removed. You must **ALWAYS** verify that the chamber is empty before disassembling your pistol for cleaning or any other purpose.

▲WARNING If an unfired cartridge hangs up, jams, or binds while being chambered, do not attempt to force it into the chamber by pushing or striking the slide to attempt to close it because this could cause the cartridge to burst, which can result in fragments of the cartridge flying out of the ejection port with sufficient force to cause death, serious personal injury, and/or property damage.

▲WARNING **ALWAYS** wear safety glasses when clearing your pistol to protect your eyes and turn the pistol's ejection port away from you. Eye protection should, at a minimum, provide impact protection with side panels and meet ANSI standard Z87.1. Do not use a metal tool to attempt to remove an unfired cartridge because it could ignite the primer and cause the cartridge to rupture resulting in fragments of the cartridge flying out of the ejection port with sufficient force to cause death, serious injury, and/or property damage.

▲WARNING **NEVER** rely solely on a mechanical device or your memory to determine whether your pistol is loaded. **ALWAYS** remove the magazine, retract and lock the slide by pulling it fully to the rear and locking it open, and then visually and physically check with your finger to ensure there is not a cartridge in the chamber.

CLEARING AND SAFETY CHECK PROCEDURE

The Mark 23 pistol is not considered "CLEAR" or safe unless:

1. The safety lever is set on "Safe."
2. The magazine is removed.
3. The slide is locked to the rear.
4. The chamber is free of brass or ammunition.

To "CLEAR" the Pistol.

1. **Make sure fingers are outside of the trigger guard and the pistol is pointed in a safe direction at all times!**
2. **Cock hammer and then engage safety lever.**



Fig 10 – Safety lever engaged

3. **Remove magazine** - Depress the magazine release lever and remove the magazine from the pistol.



Fig 11 – Press magazine release lever

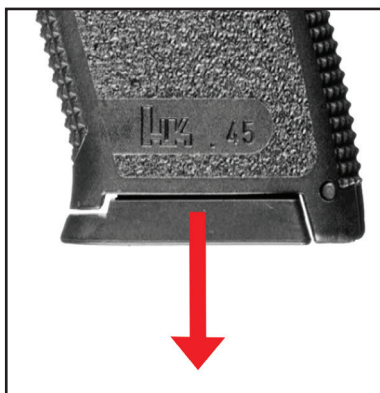


Fig 12 – Magazine removal

4. **Open and lock slide** - While keeping the pistol pointed in a safe direction, lock the slide open by pulling the slide rearward as you press the slide release upward. Watch for a cartridge or empty case to be ejected from the pistol.



Fig 13 – Locking the slide to the rear

5. **Inspect chamber** - Inspect chamber for the presence of a cartridge or empty case by:
- Visually viewing chamber through the open ejection port and;
 - Physically inserting a finger into the chamber through the ejection port to check for the presence of a cartridge or empty case.
 - Remove any cartridges or empty cases from the chamber or from within the pistol.



Fig 14 – Clearing the Mark 23 pistol

SECTION 5 DISASSEMBLY AND ASSEMBLY

▲ WARNING The firearm is not empty or unloaded until the magazine is removed and the chamber is clear. It is possible that a cartridge may be in the chamber when a magazine is being removed from or inserted into your pistol. A cartridge in the chamber will discharge when the trigger is pulled, whether or not a magazine is in your pistol. Never leave your pistol unattended, even when the magazine is removed. You must always verify that the chamber is empty before disassembling your pistol for cleaning or any other purpose.

▲ WARNING Unload all magazines and remove all live ammunition from the area before disassembling your pistol to reduce the chance of a negligent discharge.

▲ WARNING NEVER rely solely on a mechanical device or your memory to determine whether your pistol is loaded. Always remove the magazine, retract and lock the slide by pulling it fully to the rear and locking it open, and then visually and physically check with your finger to ensure there is not a cartridge in the chamber.

▲ WARNING NEVER alter or modify your Mark 23 pistol because this could cause it to malfunction and create a dangerous condition.

▲ WARNING ALWAYS wear safety glasses when disassembling your pistol to protect your eyes. Eye protection should, at a minimum, provide impact protection with side panels and meet ANSI standard Z87.1. Components, such as springs, are under pressure and could cause serious injury.

DISASSEMBLY

1. “CLEAR” the Pistol! (See Clearing and Safety Procedure in Section 4)
2. Remove the thread protector from the barrel by rotating it counter-clockwise.
3. Depress slide release and allow slide to move forward.
4. If applicable, remove any mounted accessories.
5. Retract and hold the slide to the rear approximately 22 mm until the front end of the slide release is centered on the recess visible on the left side of the slide (see Figure 2).
6. Push the slide release into the recess on the right side of the frame. Lift and completely remove the slide release from the left side of the frame (see Figure 15).



Figure 15 – Removing the slide release

7. Remove the slide with barrel and captured recoil/buffer spring assembly off of the frame by sliding it forward (see Figure 16).



Figure 16 – Removing the slide

8. Remove the captured recoil/buffer spring assembly from the barrel and slide by lifting up on the rear of the guide rod. The entire assembly can now be lifted out of the slide (see Figure 17).
9. Lift the rear of the barrel by the locking block and withdraw it from the slide.



Figure 17 – Removing the recoil /
buffer spring assembly from barrel

NOTICE Inspect or replace the O-ring.

Extended barrel with O-ring

The 149 mm (5.87 inches) hammer forged polygonal barrel is engineered for a high level of accuracy. The high-temperature rubber O-ring located towards the muzzle holds the barrel tightly in the slide during firing and enhances accuracy.



Figure 18 – Inspect or replace the O-ring

ASSEMBLY

1. Insert the muzzle of the barrel through the large hole located in the front of the slide.
2. Drop the barrel down into the slide and push it forward until the O-ring engages the slide, the locking block fits within the ejection port, and the angled locking surface of the locking block are visible along the bottom of the slide. The O-ring will now hold the muzzle tight in the front of the slide.
3. Install the captured recoil/buffer spring assembly into the slide so that the front of the recoil spring guide rod engages in the smaller hole located in the front of the slide.
4. Align the opposing angled locking surfaces of the recoil spring guide rod with those located on the bottom of the barrel locking block.
5. Push the rear of the recoil/buffer spring assembly forward enough so that the recoil spring retainer can be engaged on the shelf provided on the front of the barrel locking block (see Figure 19).

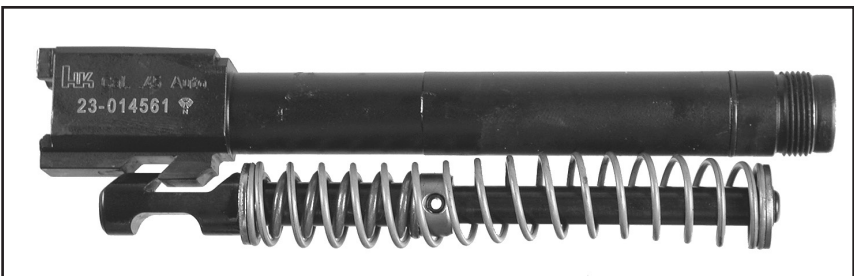


Figure 19 – Relationship of recoil spring assembly to barrel locking block inside of slide

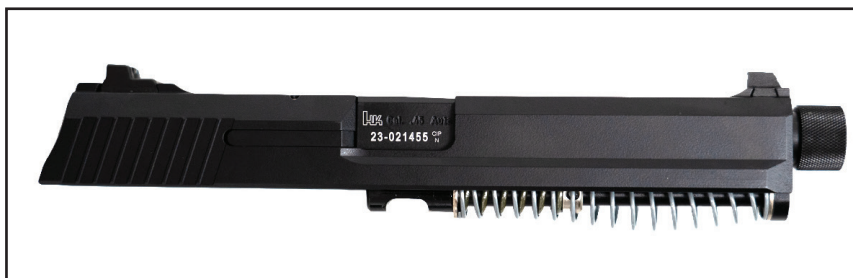


Figure 20 – Proper Position for the Captured Recoil/Buffer Spring Assembly on the Barrel Locking Block

6. Hold the slide in the right hand with the thumb holding the rear end of the recoil/buffer spring assembly in place on the slide (see Figure 21).

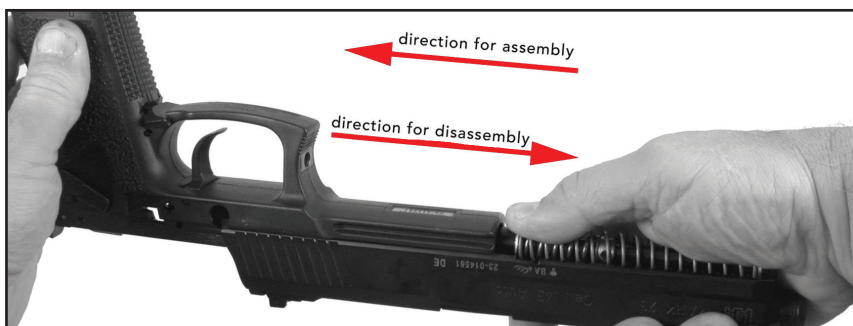


Figure 21 – Correct Position for Holding Slide for Disassembly & Reassembly

7. Hold the frame in the left hand. Position the rear of the slide above the front edge of the frame.
8. Draw the slide back onto the frame so that the rails of the locking insert and guiding part slide within the grooves in the slide.
9. Retract the slide to the point where the recess in the left side of the slide is centered on the hole where the axle of the slide release will go.
10. Hold the slide in this position and insert the slide release from the left to right into the frame until it is flush with the side of the frame and locks in place.
11. Reinstall the thread protector onto the barrel by rotating it clockwise until it stops, avoid overtightening to prevent stripping.
12. Perform a FUNCTION CHECK.

FUNCTION CHECK

A function check should be performed anytime the pistol is reassembled. This quick check indicates whether or not the pistol was properly assembled and with all the components. A properly executed safety/function check can also reveal many of the more obvious malfunctions that could occur between the interactive components of the pistol.

▲CAUTION Always "CLEAR" the pistol before performing a safety/function check! **Do not assume the pistol is "CLEAR".**

1. "CLEAR" the Pistol! (See Clearing and Safety Procedure in Section 4)

2. Actuate the slide and the operating controls to ensure that:

Magazine and catch - The empty magazine is held securely in place by the magazine catch and that it drops free of the frame when the catch is depressed.

Slide - The slide moves freely and without binding on the frame (with and without a magazine installed).

Barrel - The barrel locking block does lock fully into battery within the ejection port of the slide as the slide is closed.

Slide Release

1. The slide release does hold the slide open when retracted while:
 - an empty magazine is in place
 - the slide release is engaged (pressed upwards)
2. The slide release does permit the slide to snap forward when:
 - the slide release is depressed
 - the slide is retracted without a magazine installed
3. The slide release does rebound with spring pressure

3. Perform the following safety checks:

Safety Lever Test

1. With the pistol unloaded and hammer uncocked, attempt to press the safety lever upward into the safe position. The safety lever should not engage. If the safety lever engages, return the pistol to the HK Repair Department for service.
2. With the pistol unloaded and the hammer cocked, move the safety lever several times from the "safe" to "fire" position. If the safety lever does not have a pronounced stop when moved from "safe" to "fire" position and back, return the pistol to the HK Repair Department for service.
3. With the pistol unloaded, cock the hammer and press the safety lever upward into the safe position. Grasp the pistol in the shooting position and squeeze the trigger three or four times. If the hammer falls, return the pistol to the HK Repair Department for service.

Decocking Lever Test

1. With the pistol unloaded and the safety disengaged, cock the hammer and depress the decocking lever. If the hammer does not fall or the decocking lever does not rebound (upward into its normal position) with spring pressure, return the pistol to the HK Repair Department for service.
2. With the pistol unloaded, cock the hammer and press the safety lever upward into the safe position. Attempt to depress the decocking lever three or four times. If the hammer falls, return the pistol to the HK Repair Department for service.

Decocked (hammer disengaged) Test

NOTICE On the Mark 23 pistol when decocked (hammer down), the sear is engaged with the hammer at a rebounded stop position not touching the rear of the firing pin.

1. With the pistol unloaded, squeeze the trigger allowing the hammer to cycle in the double-action mode. After the hammer drops, retain pressure on the trigger. With the non-firing hand apply pressure with your fingertips on the rear of the hammer. The hammer should move forward toward the firing pin. Release pressure on the trigger while still retaining pressure with fingers on hammer. Release pressure on hammer. If the hammer fails to spring back into the stop position, return the pistol to the HK Repair Department for service.
2. With the pistol unloaded, hammer uncocked and trigger forward, apply pressure to the hammer with your fingertips. If the hammer moves forward to the firing pin, return the pistol to the HK Repair Department for service.

Disconnecter and Trigger Test

1. With the pistol unloaded, cock the hammer, push the slide rearward approximately 5 mm and hold in that position while squeezing the trigger. If the hammer falls, return the pistol to the HK Repair Department for service.
2. With the pistol unloaded, pull the slide rearward and engage the slide stop. Squeeze the trigger and release the slide forward simultaneously. If the hammer falls, return the pistol to the HK Repair Department for service.
3. With the pistol unloaded, pull the slide rearward and engage the slide stop. Squeeze the trigger and release the slide forward simultaneously. Release pressure on the trigger. If the trigger does not return to its normal position, return the pistol to the HK Repair Department for service. Squeeze the trigger and the hammer should fall. If the hammer does not fall, return the pistol to the HK Repair Department for service.
4. With the pistol unloaded and the trigger forward, apply thumb pressure to the cocked hammer. If the hammer disengages solely as a result of thumb pressure, return the pistol to the HK Repair Department for service.

MAGAZINE DISASSEMBLY

▲ WARNING Unload the magazines and remove all live ammunition from the area before disassembling your magazine.

▲ WARNING Be aware of the force exerted by the magazine spring while removing and installing the magazine floorplate. Always keep the base of the magazine pointed away from the face and eyes of yourself and others. Always wear safety glasses when disassembling your pistol to protect your eyes. Eye protection should, at a minimum, provide impact protection with side panels and meet ANSI standard Z87.1. Components, such as springs, are under pressure and could cause serious injury.

1. Using a blunt pointed instrument, depress the locking detent protruding through the bottom of the magazine floorplate and hold it there.
2. Place a portion of either hand over the base of the magazine to control the release of the magazine spring and locking plate.
3. On the 12-round magazine, slowly slide the floorplate forward off of the magazine housing. On the 10-round magazine, with the locking detent still depressed, squeeze the floorplate locking tabs located on the right and left sides of the magazine.
4. Gradually allow the locking plate and magazine spring to expand out of the magazine housing.
5. Remove the locking plate, magazine spring and magazine follower from the magazine housing.



Fig. 22A – Depress locking detent
10-round magazine

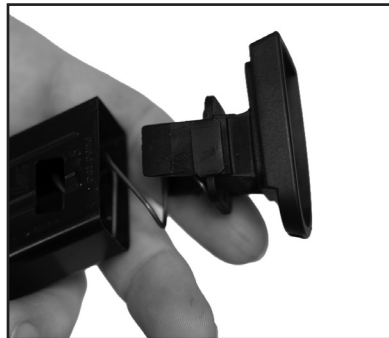


Fig. 22B – Removing floorplate
10-round magazine



Fig. 23A – Depress locking detent
12-round magazine



Fig. 23B – Removing floorplate
12-round magazine

MAGAZINE ASSEMBLY

▲WARNING Be aware of the force exerted by the magazine spring while removing and installing the magazine floorplate. **ALWAYS** keep the base of the magazine pointed away from the face and eyes of yourself and others. **ALWAYS** wear safety glasses when disassembling your pistol to protect your eyes. Eye protection should, at a minimum, provide impact protection with side panels and meet ANSI standard Z87.1. Components, such as springs, are under pressure and could cause serious injury.

NOTICE Magazine springs and followers are optimized for their specific capacity. Ensure magazines are reassembled with the correct capacity-specific components. Using incorrect components for the stated magazine capacity may result in malfunctions. Example: do not install the 10-round spring or follower inside a larger capacity magazine.

12-Round Magazine

1. Place the magazine follower onto the end of the magazine spring having the loop at the end of the wire on the left side of the follower.
2. Insert the follower and the magazine spring into the magazine housing.
3. Place the locking plate onto the protruding end of the magazine spring so that the locking detent is visible (see Figure 24).
4. Push the locking plate down into the magazine housing against the pressure of the magazine spring and hold it there.
5. Slide the floorplate over the base of the magazine housing and locking plate from front to rear making sure that:
 - The floorplate engages the tabs located on the left and right sides of the magazine housing.
 - The floorplate is fully seated on the magazine housing.
 - The locking detent fits within the hole provided in the floorplate.
 - Check the magazine for proper assembly by ensuring that the follower slides up and down freely within the magazine housing and with spring tension. Also check that the magazine follower rises within the housing to be nearly flush against the bottom of the magazine lips.

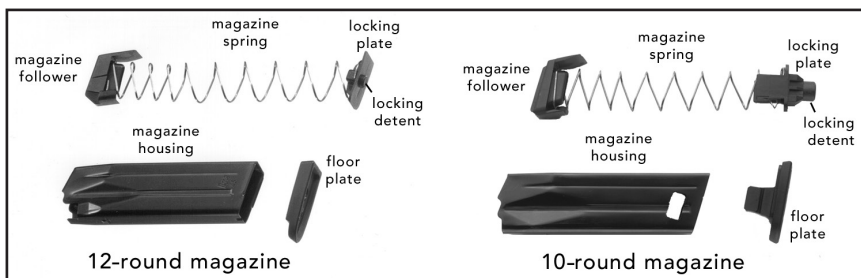


Figure 24 – Disassembled 12 and 10-round magazines

10-Round Magazine

1. Place the magazine follower onto the magazine spring with the end of the spring positioned on the left of the follower.
2. Insert the follower and magazine spring into the magazine housing.
3. Place the locking insert (on 10-round magazines) onto the protruding end of the magazine spring so that the rounded corners face toward the front of the magazine.
4. Push the locking plate down into the magazine housing against the pressure of the magazine spring and hold it there.
5. Push the floorplate up onto the base of the magazine housing until the locking tabs engage in the sides of the housing. Check to see if the locking tabs on the floorplate are securely locked into the housing and the locking detent on the locking plate fits within the hole in the floorplate.
6. Check the magazine for proper assembly by ensuring that the follower slides up and down freely within the magazine housing and with spring tension. Also check that the magazine follower rises within the magazine housing to be nearly flush against the bottom of the magazine lips.



Figure 25 – 10 and 12-round magazines

CLEANING

▲WARNING ALWAYS be sure that the barrel of your pistol is clear of obstructions before firing. If any obstruction is found, remove it – including any excess lubricants – before firing so that your pistol will function safely and correctly. Any obstruction in the barrel could prevent the pistol from firing properly and result in death or serious personal injury, and/or damage to the pistol.

▲WARNING The firearm is not EMPTY or unloaded until the magazine is removed and the chamber is clear. It is possible that a cartridge may be in the chamber when a magazine is being removed from or inserted into your pistol. A cartridge in the chamber will discharge when the trigger is pulled, whether or not a magazine is in your pistol. NEVER leave your pistol unattended, even when the magazine is removed. You must ALWAYS verify that the chamber is empty before disassembling your pistol for cleaning or any other purpose.

▲WARNING ALWAYS wear safety glasses when cleaning your pistol to protect your eyes from cleaning solutions and components, such as springs, which are under pressure and could cause injury. Eye protection should, at a minimum, provide impact protection with side panels and meet ANSI standard Z87.1. Exercise caution if using compressed air.

▲WARNING ALWAYS ensure that no ammunition is in the area where you clean your pistol. Lubricants can affect the primer and powder in ammunition and cause it to malfunction. This could result in failure to fire, or in a bullet being pushed into the barrel of your pistol and becoming stuck, which could cause the barrel to burst and result in death or serious injury, in addition to damaging the pistol.

▲WARNING Do not alter any of the parts or components of the pistol or magazine, e.g., do not attempt to “improve” or make the pistol “better” by altering parts or components. Altering any parts or components of the pistol or magazine may cause serious injury or death, damage to the pistol, or other damage to property, and voids its warranty.

▲WARNING As with any semi-automatic pistol, your Mark 23 should be disassembled into its major components every time it is cleaned. Failing to do so, by merely locking the slide to the rear and inserting the cleaning rod from the muzzle, can cause dirt, oil, and lubricant to build up inside the pistol causing malfunctions.

▲WARNING Do not use a steel bore brush which can scratch the polygonal bore and reduce accuracy.

▲WARNING Use of ultrasonic cleaning machines can result in the unwanted removal of colored reference markings of the frame assembly, extractor and control lever (where applicable). Use of ultrasonic cleaning is normally not necessary or recommended when using standard ammunition in HK pistols. All components should be thoroughly dried after being coated in cleaning solutions of any kind before reassembly and all the firearm critical components should be lubricated in accordance with the applicable operator/maintenance instructions after being thoroughly dried.

▲CAUTION Hold the recoil/buffer spring assembly in place while removing the slide from the frame.

Materials Required - At a minimum, HK recommends the following materials to properly clean a Mark 23 pistol:

- Cleaning rod with handle and patch holder
- Nylon toothbrush
- Bronze bristle bore brush (.45 ACP)
- Cleaning patches
- Lint-free wiping rag
- Cleaning solution/lubricant
- Cotton swabs

Handgun cleaning kits are available from HK for thorough cleaning of pistols and other firearms. Visit the HK-USA web shop or contact HK Customer Service at 706-701-5554 or by email at cs@heckler-koch-us.com.

Cleaning Intervals - Normal and Major are the two types of operator cleaning for the Mark 23 pistol.

Normal Cleaning - Performed after each firing or every twelve (12) months, which ever comes first.

Major Cleaning - Often referred to as "detailed cleaning." Performed after the firing of 600 cartridges or when the pistol is exposed to, or contaminated with:

- Sand
- Dust
- Water (especially saltwater)
- Other visible contaminants or foreign matter.

Normal Cleaning

Slide

- Gently scrub all internal surfaces of the slide using the nylon toothbrush moistened with cleaning solution.
- Remove all loose fouling from all surfaces of the slide using a rag and cotton swabs.

Recoil spring assembly

- Remove all visible fouling using cleaning solution, a nylon toothbrush or a rag and cotton swabs.

Barrel

- Moisten a bronze bore brush with cleaning solution and scrub the bore from the chamber to the muzzle with at least six (6) passes, back and forth.
- Remove the loose fouling from the bore using cleaning patches.
- Gently scrub the exterior of the barrel and locking block with the nylon toothbrush moistened with cleaning solution.
- Remove all loose fouling from the exterior of the barrel using a rag and cotton swabs.

Frame Assembly

- Gently scrub surfaces where carbon fouling is present using the nylon toothbrush moistened with cleaning solution. Concentrate on the area normally covered by the slide and the unlock block area that interfaces with the barrel.
- Remove all loose fouling from all areas of the frame assembly using a rag and cotton swabs.

Magazine

- Gently scrub the top of the magazine, concentrating on the follower and feed lips, using the nylon toothbrush moistened with cleaning solution.
- Remove all loose fouling from all surfaces of the magazine using a rag and cotton swabs.

Major Cleaning - Major Cleaning is the same as normal cleaning except that:

- The magazine is disassembled for cleaning, following the instructions and warnings in Section 5.
- All parts should be rinsed with or immersed in cleaning solution and thoroughly scrubbed with a nylon brush. The parts can then be dried using compressed air or with a rag and cotton swabs.

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. (See Function Check in Section 5)

Always "CLEAR" the pistol before conducting your inspection!

Check for:

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

LUBRICATION

The surfaces of the Mark 23 pistol are treated with corrosion and wear-resistant finishes. These surface treatments do 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 a Mark 23 pistol.

Do not use lubricants that boast of their ability to penetrate metal because those substances may deactivate primers.

Where and How Much -

No Lube - Surface is dry and not slippery to the touch.

- All plastic and rubber components
- Ammunition
- Electronics

Light Lube - A finger run across the surface yields little or no lube.

- Exterior of barrel
- All metal parts
- All internal parts in slide and frame assembly
- Magazine spring
- Recoil spring assembly
- Trigger spring
- Magazine tubes

Medium Lube - A finger run across the surface yields some lube, but lube does not run down the surface when it is held in a vertical position.

- Barrel locking block
- Slide rails and grooves
- All interior operating controls
- Extractor
- Sear

Re-apply lubricant periodically during firing as it burns off from the heat. Apply lubricant using a cleaning brush, cotton swabs, patches, or a 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.

STORAGE AND TRANSPORT

▲ WARNING The firearm is not **EMPTY** or unloaded until the magazine is removed and the chamber is clear. It is possible that a cartridge may be in the chamber when a magazine is being removed from or inserted into your pistol. A cartridge in the chamber will discharge when the trigger is pulled, whether or not a magazine is in your pistol. **NEVER** leave your pistol unattended, even when the magazine is removed. You must **ALWAYS** verify that the chamber is empty before disassembling your pistol for cleaning or any other purpose.

▲ WARNING Firearms should be locked and stored unloaded, secured, and separately from ammunition in a suitable container out of the sight and reach of children and/or any unauthorized individuals.

▲ WARNING **NEVER** store or transport ammunition in the same container as your pistol.

▲ WARNING **NEVER** rely solely on a mechanical device or your memory to determine whether your pistol is loaded. **ALWAYS** remove the magazine, retract and lock the slide by pulling it fully to the rear and locking it open, and then visually and physically check with your finger to ensure there is not a cartridge in the chamber.

1. Store or transport the pistol and its components clean and lubricated.
2. Store and transport the pistol without cartridges in the chamber, magazine, or in the storage container with the magazine removed.
3. Store and transport the pistol with the slide in the forward (closed) position.
4. Clean and lubricate the pistol and its components at least every twelve (12) months during storage.
5. HK recommends storage in a climate-controlled, room temperature environment.
6. Store the pistol and ammunition separately under lock and key.

TROUBLESHOOTING PROBLEMS AND REPAIR

Common causes of problems that are often overlooked include:

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

SECTION 7 LOCK-OUT DEVICE

Mark 23 pistols produced and delivered in the U.S. after 1999 are equipped with a patented HK Lock-Out™ Device. This component replaces the lanyard loop insert in the frame and when engaged locks the handgun's action by blocking any movement of the trigger, the hammer, and the slide. The handgun is locked and cannot fire until unlocked. The Lock-Out control plate is accessible through the pistol's magazine well (see Figures 26-28).

⚠ WARNING Always point the pistol in a safe direction when locking or unlocking the Lock-Out Device. The pistol should be unloaded and "CLEAR" before locking the Lock-Out Device.



Figure 26
Unlocked/FIRE position



Figure 27
Turn the key clockwise
to lock the action



Figure 28
Locked/SAFE position

Use the two-pronged key supplied with the pistol to lock or unlock the pistol as desired. When the holes on the Lock-Out Device are horizontally positioned the pistol is locked and cannot be fired (see Figure 28).

NOTICE Either type of lockout key will work with the Mark 23 (see Figure 29).

When the holes on the Lock-Out Device are vertically positioned the pistol is unlocked and can be fired (see Figure 26).

⚠ WARNING The HK Lock-Out Device is not a substitute for safe gun handling practices. Never point the muzzle of the pistol in an unsafe direction (at yourself or others). When the Lock-Out Device is placed in the locked position the slide is locked in the closed position and cannot be moved! Forcing the slide rearward while the gun is in this locked position will damage the pistol.



Figure 29 – Lockout Keys

SECTION 8 WARRANTY

WARRANTY REGISTRATION

New HK firearms are covered by Heckler & Koch, Inc.'s Limited Lifetime Warranty. Warranty registration is now online. To register your new HK firearm, go to:
<https://hk-usa.com/warranty-registration/>

If you do not have access to the Internet, contact Heckler & Koch, Inc. to obtain a warranty registration form:

HK Customer Service
5675 Transport Boulevard
Columbus, GA 31907
Telephone: 706-701-5554.
Email: cs@heckler-koch-us.com

HECKLER & KOCH, INC. LIMITED LIFETIME WARRANTY

All new Heckler & Koch, Inc. firearms purchased after January 1, 1998, are warranted to the original retail purchaser only for the lifetime of the said original retail purchaser. In the event that this original retail purchaser, at the time of the original purchase, shall donate this firearm to another person, the donee name must be submitted during the online warranty registration. Heckler & Koch, Inc. does not guarantee or warrant that any, all, or some donations or gifts are valid and compliant with all applicable laws, regulations, and ordinances. Heckler & Koch, Inc. is not responsible or liable in any way for a donation or gift that does not comply with applicable laws, regulations, and ordinances. It is the responsibility of the original retail purchaser and the donee or recipient to ensure that any such transfer complies with all applicable laws, regulations, and ordinances. Upon completion of the online warranty registration indicating the name of the said donee, this warranty shall be extended to the lifetime of the said donee. This warranty applies only if the firearm was imported into the United States and distributed by Heckler & Koch, Inc. to an authorized dealer.

What Will We Do?

Heckler & Koch, Inc. will, at its option, repair or replace, without charge, any HK firearm that fails due to a defect in materials or workmanship. Parts and labor are included. Repairs are warranted for the duration of this Limited Lifetime Warranty. If Heckler & Koch, Inc. replaces a firearm under this warranty, the replacement firearm will remain covered by this Limited Lifetime Warranty for the lifetime of the original retail purchaser or registered donee, as applicable. Heckler & Koch, Inc. will return the firearm or replacement firearm shipping prepaid, subject to applicable law and the Legal and Regulatory Restrictions on Warranty Service and Return stated below.

How to Obtain Service:

Contact Heckler & Koch, Inc. by phone at 706-701-5554 or email at cs@heckler-koch-us.com for a Return Authorization Number before sending your firearm freight prepaid to Heckler & Koch, Inc. at the address listed below. No C.O.D. shipments will be accepted.

Only the existing Heckler & Koch, Inc. Service Center or any other authorized Heckler & Koch, Inc. Service Center that may be established by Heckler & Koch, Inc. is authorized to make warranty repairs.

Return the complete, unloaded firearm with a detailed description of the problem using Heckler & Koch, Inc.'s Return Form.

DO NOT send any live ammunition with the firearm. If you must send ammunition to us for proof purposes, be sure that it is sent separately from the firearm.

We strongly recommend that you complete the online warranty registration at <https://hk-usa.com/warranty-registration/> to establish eligibility for warranty service. If you do not return an acknowledgment of online warranty registration to Heckler & Koch, Inc., you are required to provide adequate proof of the date that you purchased your new HK firearm at the time you send your firearm to Heckler & Koch, Inc. for warranty service.

If this firearm was given as a gift at the time of original purchase, the online warranty registration identifying the donee must be provided to Heckler & Koch, Inc. for the warranty to become effective.

Note: Non-warranty servicing must follow the same shipping procedures stated above. HK firearms with a valid Return Authorization Number should be shipped to the following address in accordance with these instructions:

HKI
Attn: Service Department/RA# _____
5675 Transport Blvd.
Columbus, GA 31907

Any information gathered in connection with a Heckler & Koch, Inc. Limited Lifetime Warranty shall be used for that purpose and may be used for other legitimate business purposes of Heckler & Koch, Inc. For further information, please review Heckler & Koch, Inc.'s Privacy Policy, located at <https://hk-usa.com/cookie-policy-us/>

What Is Not Covered?

This warranty does not cover defects or damage caused by: (1) unreasonable use; (2) failure to provide proper care or maintenance; (3) failure to comply with instructions in the operator's manual, including improper installation of original Heckler & Koch, Inc. parts by the owner or the owner's agent; (4) normal wear and tear for the degree of use; (5) rust or corrosion; (6) obstructions in the barrel; (7) excessive use; and/or (8) external or internal cosmetic finishes.

Heckler & Koch, Inc. reserves the right to determine what constitutes unreasonable or excessive use of the firearm. All wooden parts and all accessories are excluded from warranty coverage.

This warranty does not cover claims made by a second or subsequent owner of an HK firearm, except for a donee identified and registered as provided above.

NOTICE Any unauthorized alteration or modification of the firearm, or use of parts or components not originally made by Heckler & Koch, Inc., may void this warranty. Heckler & Koch, Inc. is not responsible for claims involving this firearm that result from the use of faulty, nonstandard, remanufactured, or reloaded ammunition, or ammunition not manufactured to NATO, CIP, and/or SAAMI specifications.

Under no circumstances shall Heckler & Koch, Inc. be responsible or liable for incidental or consequential damages with respect to loss of use, loss of business or profits, other economic loss, or injury to property, whether as a result of breach of express or implied warranty, negligence, or otherwise. This Limited Lifetime Warranty applies only to retail purchases by individuals through an authorized Heckler & Koch, Inc. dealer.

LEGAL AND REGULATORY RESTRICTIONS ON WARRANTY SERVICE AND RETURN

All warranty service, repair, replacement, shipment, transfer, and return are subject to applicable federal, state, territorial, and local law in effect at the time of service and return. Where lawful, Heckler & Koch, Inc. may return a serviced firearm or lawful replacement directly to the person from whom it was received.

If applicable law requires different handling, Heckler & Koch, Inc. may require return through a federally licensed firearms dealer or another lawful method and may request dealer information or other information reasonably necessary to confirm that the return, replacement, transfer, or possession is lawful.

NOTICE Do not ship Heckler & Koch, Inc. any firearm, frame or receiver, magazine, ammunition feeding device, or other component that cannot lawfully be shipped, possessed, received, serviced, transferred, or returned, unless specifically instructed by Heckler & Koch, Inc. Heckler & Koch, Inc. will not ship or return any item in violation of applicable law.

Exclusions

This Limited Lifetime Warranty does not apply to firearms purchased by the United States military; federal, state, or territorial government institutions or agencies; federal, state, or local law enforcement agencies; or security organizations located within the United States or its territories for duty issue to personnel or employees. Those firearms are covered by a one-year limited warranty against defects in materials and workmanship, or as otherwise agreed in a valid contract.

This Limited Lifetime Warranty also excludes rimfire .22 LR firearms and all suppressors, which are covered by a one-year warranty.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state. This Limited Lifetime Warranty is the only express warranty made by Heckler & Koch, Inc.

Heckler & Koch, Inc. does not authorize any dealer or other person to vary the terms of this warranty or to make any other express warranties on its behalf.

Heckler & Koch, Inc. Lifetime Barrel Guarantee

Heckler & Koch, Inc. guarantees the serviceability of the bore of the barrels of all MR A4 Series rifles and pistols for the lifetime of the original consumer purchaser for individual use. This guarantee is based on the barrels meeting standards for accuracy, velocity, and usability throughout the life of the A4 system. If at any time an A4 barrel fails to meet these standards, Heckler & Koch, Inc. will replace the barrel.



STATE-SPECIFIC COMPLIANCE CONSIDERATIONS

Applicable federal, state, and local laws may affect how a firearm, frame or receiver, magazine, or other component may be shipped to or returned by Heckler & Koch, Inc. in connection with warranty or service work. For current information regarding state-specific shipping and return requirements, please visit: hk-usa.com/customersuccess/returnsstatelaws.

Applicable law controls in all cases.

Where to Get Further Help

If you have questions concerning this warranty, please contact Heckler & Koch, Inc.'s Customer Service Department at:

5675 Transport Blvd.

Columbus, GA 31907

Telephone: 706-701-5554 Email: cs@heckler-koch-us.com

SECTION 9 YOUTH HANDGUN SAFETY NOTICE

YOUTH HANDGUN SAFETY NOTICE

1. The misuse of handguns is a leading contributor to juvenile violence and fatalities.
2. Safely storing and securing firearms away from children will help prevent the unlawful possession of handguns by juveniles, stop accidents, and save lives.
3. Federal law prohibits, except in certain limited circumstances, anyone under 18 years of age from knowingly possessing a handgun, or any person from selling, delivering, or otherwise transferring a handgun to a person under 18.
4. A knowing violation of the prohibition against selling, delivering, or otherwise transferring a handgun to a person under the age of 18 is, under certain circumstances, punishable by up to 10 years in prison.

FEDERAL LAW

The Gun Control Act of 1968, 18 U.S.C. Chapter 44, provides in pertinent part as follows:

18 U.S.C. §922(x)

1. It shall be unlawful for any person to sell, deliver, or otherwise transfer to a person who the transferor knows or has reasonable cause to believe is a juvenile –
 - A. a handgun; or
 - B. ammunition that is suitable for use only in a handgun.
2. It shall be unlawful for any person who is a juvenile to knowingly possess –
 - A. a handgun; or
 - B. ammunition that is suitable for use only in a handgun.
3. This subsection does not apply to –
 - A. a temporary transfer of a handgun or ammunition to a juvenile or to the possession or use of a handgun or ammunition by a juvenile if the handgun and ammunition are possessed and used by the juvenile –
 - i. in the course of employment, in the course of ranching or farming related to activities at the residence of the juvenile (or on property used for ranching or farming at which the juvenile, with the permission of the property owner or lessee, is performing activities related to the operation of the farm or ranch), target practice, hunting, or a course of instruction in the safe and lawful use of a handgun;
 - ii. with the prior written consent of the juvenile's parent or guardian who is not prohibited by Federal, State, or local law from possessing a firearm, except –
 - I. during transportation by the juvenile of an unloaded handgun in a locked container directly from the place of transfer to a place at which an activity described in clause (i) is to take place and transportation by the juvenile of that handgun, unloaded and in a locked container, directly from the place at which such an activity took place to the transferor; or
 - II. with respect to ranching or farming activities as described in clause (i), a juvenile may possess and use a handgun or ammunition with the prior written approval of the juvenile's parent or legal guardian and at the direction of an adult who is not prohibited by Federal, State or local law from possessing a firearm;

- iii. the juvenile has the prior written consent in the juvenile's possession at all times when a handgun is in the possession of the juvenile; and
- iv. in accordance with State and local law;

B. a juvenile who is a member of the Armed Forces of the United States or the National Guard who possesses or is armed with a handgun in the line of duty;

C. a transfer by inheritance of title (but not possession) of a handgun or ammunition to a juvenile; or

D. the possession of a handgun or ammunition by a juvenile taken in defense of the juvenile or other persons against an intruder into the residence of the juvenile or a residence in which the juvenile is an invited guest.

4. A handgun or ammunition, the possession of which is transferred to a juvenile in circumstances in which the transferor is not in violation of this subsection shall not be subject to permanent confiscation by the Government if its possession by the juvenile subsequently becomes unlawful because of the conduct of the juvenile, but shall be returned to the lawful owner when such handgun or ammunition is no longer required by the Government for the purposes of investigation or prosecution.

5. For purposes of this subsection, the term "juvenile" means a person who is less than 18 years of age.

6 A. In a prosecution of a violation of this subsection, the court shall require the presence of a juvenile defendant's parent or legal guardian at all proceedings.

B. The court may use the contempt power to enforce subparagraph (A).

C. The court may excuse attendance of a parent or legal guardian of a juvenile defendant at a proceeding in a prosecution of a violation of this subsection for good cause shown.

18 U.S.C. § 924(a)(6)

- i. A juvenile who violates section 922(x) shall be fined under this title, imprisoned not more than 1 year, or both, except that a juvenile described in clause (ii) shall be

A sentenced to probation on appropriate conditions and shall not be incarcerated unless the juvenile fails to comply with a condition of probation.

- ii. A juvenile is described in this clause if –

I. the offense of which the juvenile is charged is possession of a handgun or ammunition in violation of section 922(x)(2); and

II. the juvenile has not been convicted in any court of an offense (including an offense under section 922(x) or a similar State law, but not including any other offense consisting of conduct that if engaged in by an adult would not constitute an offense) or adjudicated as a juvenile delinquent for conduct that if engaged in by an adult would constitute an offense.

B. A person other than a juvenile who knowingly violates section 922(x) –

- i. shall be fined under this title, imprisoned not more than 1 year, or both; and

ii. if the person sold, delivered, or otherwise transferred a handgun or ammunition to a juvenile knowing or having reasonable cause to know that the juvenile intended to carry or otherwise possess or discharge or otherwise use the handgun or ammunition in the commission of a crime of violence, shall be fined under this title, imprisoned not more than 10 years, or both.

SECTION 10 STATE REQUIRED SAFETY NOTICES

STATE REQUIRED SAFETY NOTICES

Certain states have laws requiring that specific warnings be provided with handguns sold in those states as a result of which safety warnings are included in this manual.

CALIFORNIA:



WARNING

"Firearms must be handled responsibly and securely stored to prevent access by children and other unauthorized users. California has strict laws pertaining to firearms, and you may be fined or imprisoned if you fail to comply with them. Visit the Web site of the California Attorney General at <https://oag.ca.gov/firearms> for information on firearm laws applicable to you and how you can comply.

Prevent child access by always keeping guns locked away and unloaded when not in use. If you keep a loaded firearm where a child obtains and improperly uses it, you may be fined or sent to prison.

If you or someone you know is contemplating suicide, please call the national suicide prevention lifeline at 1-800-273-TALK (8255)."



ADVERTENCIA

"Las armas de fuego deben manipularse de manera responsable y segura para evitar el acceso de niños y otros usuarios no autorizados. California tiene leyes estrictas relacionadas con armas de fuego, y usted puede ser multado o encarcelado si no las cumple. Visite la página web del Procurador General de California en <https://oag.ca.gov/firearms> para obtener información sobre las leyes de armas de fuego que le son aplicables y cómo puede cumplirlas.

Evite el acceso de niños manteniendo siempre las armas bloqueadas y descargadas cuando no estén en uso. Si mantiene un arma de fuego cargada donde un niño obtiene y la usa indebidamente, se le puede multar o enviar a prisión.

Si usted o alguien que conoce está pensando en suicidarse, llame a la línea nacional de prevención del suicidio al 1-800-273-TALK (8255)."

CONNECTICUT:

"UNLAWFUL STORAGE OF A LOADED FIREARM MAY RESULT IN IMPRISONMENT OR FINE."

FLORIDA:

"IT IS UNLAWFUL, AND PUNISHABLE BY IMPRISONMENT AND FINE, FOR ANY ADULT TO STORE OR LEAVE A FIREARM IN ANY PLACE WITHIN THE REACH OR EASY ACCESS OF A MINOR UNDER 18 YEARS OF AGE OR TO KNOWINGLY SELL OR OTHERWISE TRANSFER OWNERSHIP OR POSSESSION OF A FIREARM TO A MINOR OR A PERSON OF UNSOUND MIND."

MAINE:

"ENDANGERING THE WELFARE OF A CHILD IS A CRIME. IF YOU LEAVE A FIREARM AND AMMUNITION WITHIN EASY ACCESS OF A CHILD, YOU MAY BE SUBJECT TO FINE, IMPRISONMENT OR BOTH. KEEP FIREARMS AND AMMUNITION SEPARATE. KEEP FIREARMS AND AMMUNITION LOCKED UP. USE TRIGGER LOCKS."

MARYLAND:

"WARNING: Children can operate firearms which may cause death or serious injury. It is a crime to store or leave a loaded firearm in any location where an individual knew or should have known that an unsupervised minor would gain access to the firearm. Store your firearm responsibly!"

MASSACHUSETTS:

"WARNING FROM THE MASSACHUSETTS ATTORNEY GENERAL: This handgun is not equipped with a device that fully blocks use by unauthorized users. More than 200,000 firearms like this one are stolen from their owners every year in the United States. In addition, there are more than a thousand suicides each year by younger children and teenagers who get access to firearms. Hundreds more die from accidental discharge. It is likely that many more children sustain serious wounds or inflict such wounds accidentally on others. In order to limit the chance of such misuse, it is imperative that you keep this weapon locked in a secure place and take other steps necessary to limit the possibility of theft or accident. Failure to take reasonable preventive steps may result in innocent lives being lost, and in some circumstances may result in your liability for these deaths."

"IT IS UNLAWFUL TO STORE OR KEEP A FIREARM, RIFLE, SHOTGUN OR MACHINE GUN IN ANY PLACE UNLESS THAT WEAPON IS EQUIPPED WITH A TAMPER-RESISTANT SAFETY DEVICE OR IS STORED OR KEPT IN A SECURELY LOCKED CONTAINER."

NEW JERSEY:

"IT IS A CRIMINAL OFFENSE, PUNISHABLE BY A FINE AND IMPRISONMENT, FOR AN ADULT TO LEAVE A LOADED FIREARM WITHIN EASY ACCESS OF A MINOR."

NEW YORK CITY, NY:

"THE USE OF A LOCKING DEVICE OR SAFETY LOCK IS ONLY ONE ASPECT OF RESPONSIBLE WEAPON STORAGE. ALL WEAPONS SHOULD BE STORED UNLOADED AND LOCKED IN A LOCATION THAT IS BOTH SEPARATE FROM THEIR AMMUNITION AND INACCESSIBLE TO CHILDREN AND ANY OTHER UNAUTHORIZED PERSONS. NEW YORK CITY LAW PROHIBITS, WITH CERTAIN EXCEPTIONS, ANY PERSON FROM ACQUIRING MORE THAN ONE FIREARM, OR MORE THAN ONE RIFLE OR SHOTGUN, WITHIN A 90-DAY PERIOD."

NORTH CAROLINA:

"IT IS UNLAWFUL TO STORE OR LEAVE A FIREARM THAT CAN BE DISCHARGED IN A MANNER THAT A REASONABLE PERSON SHOULD KNOW IS ACCESSIBLE TO A MINOR."

"Any person who resides in the same premises as a minor, owns or possesses a firearm, and stores or leaves the firearm (i) in a condition that the firearm can be discharged and (ii) in a manner that the person knew or should have known that an unsupervised minor would be able to gain access to the firearm, is guilty of a Class 1 misdemeanor if a minor gains access to the firearm without the lawful permission of the minor's parents or a person having charge of the minor and the minor:

- (1) Possesses it in violation of G.S. 14-269.2(b);
- (2) Exhibits it in a public place in a careless, angry, or threatening manner;
- (3) Causes personal injury or death with it not in self-defense; or
- (4) Uses it in the commission of a crime."

TEXAS:

"IT IS UNLAWFUL TO STORE, TRANSPORT, OR ABANDON AN UNSECURED FIREARM IN A PLACE WHERE CHILDREN ARE LIKELY TO BE AND CAN OBTAIN ACCESS TO THE FIREARM."

WISCONSIN:

"IF YOU LEAVE A LOADED FIREARM WITHIN THE REACH OR EASY ACCESS OF A CHILD YOU MAY BE FINED OR IMPRISONED OR BOTH IF THE CHILD IMPROPERLY DISCHARGES, POSSESSES OR EXHIBITS THE FIREARM."

State laws and regulations concerning firearms change constantly. Please check with your State Attorney General's Office or State Police for additional laws and regulations regarding the storage and use of firearms in your state.

SECTION 11 REESE'S LAW SAFETY NOTICE

Packages with third party optic batteries, please refer to the original equipment manufacturer's (OEM) manual for more information.

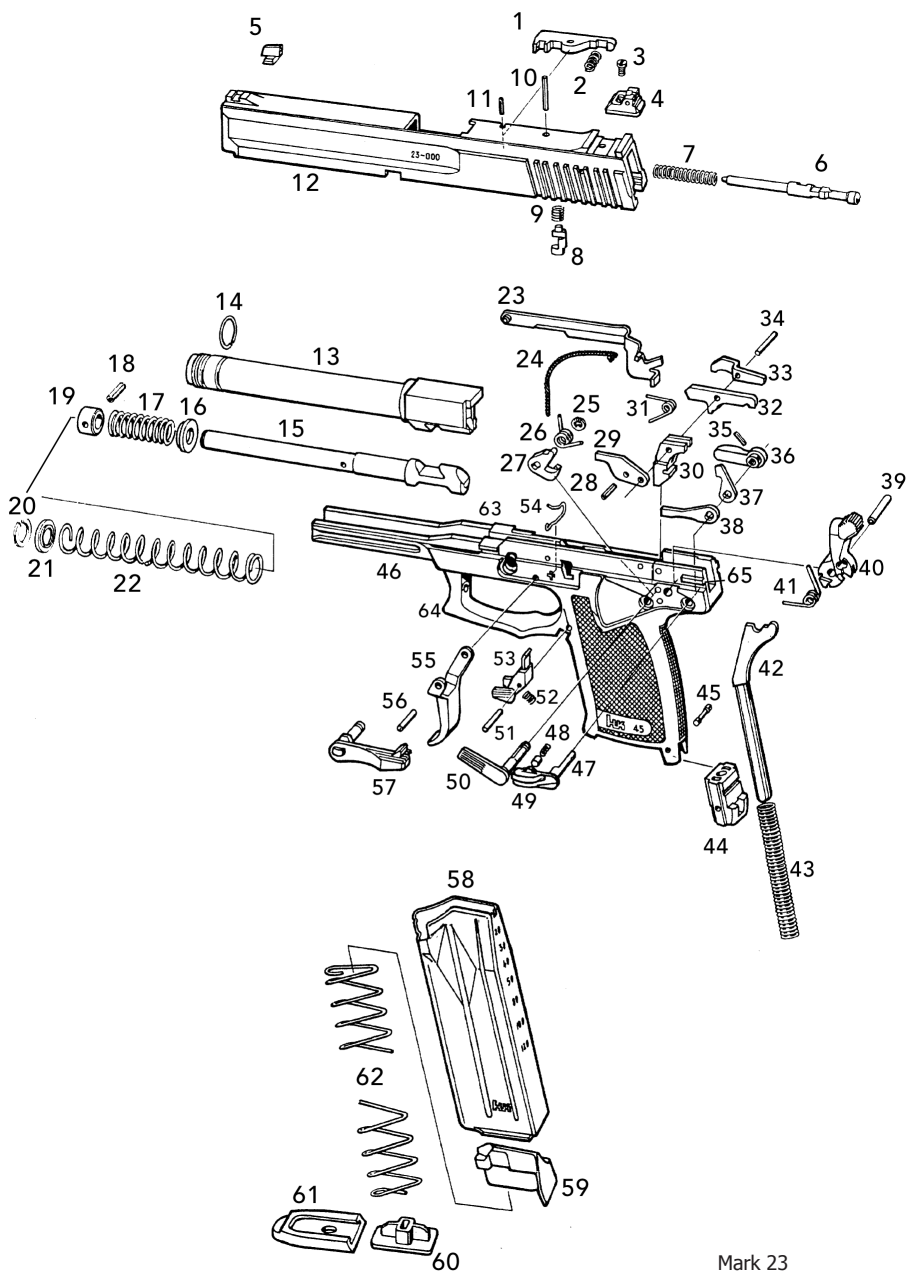
⚠ WARNING	
• INGESTION HAZARD: This product contains a button cell or coin battery. • DEATH or serious injury can occur if ingested. • A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours. • KEEP new and used batteries OUT OF REACH OF CHILDREN. • Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body. • Battery type CR1632. • Nominal Voltage: (3v).	

⚠ WARNING	
• INGESTION HAZARD: This product contains a button cell or coin battery. • DEATH or serious injury can occur if ingested. • A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours. • KEEP new and used batteries OUT OF REACH OF CHILDREN. • Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body. • This product contains a non-replaceable battery. • Battery type ML1220. • Nominal Voltage: (3v).	

⚠ WARNING	
• INGESTION HAZARD: This product contains a button cell or coin battery. • DEATH or serious injury can occur if ingested. • A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours. • KEEP new and used batteries OUT OF REACH OF CHILDREN. • Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.	

SECTION 12 PARTS LIST AND EXPLODED DIAGRAM

Position Number	Item Description	Part Number	Position Number	Item Description	Part Number
1	extractor	215707	39	hammer axle	215738
2	extractor spring	215708	40	hammer, complete	215772
3	rear sight retaining screw	215711	41	hammer rebound spring	215739
4	rear sight, 6.3 mm standard (unmarked)	215770	42	hammer strut	215740
	rear sight, 5.5 mm (-4)*	215767	43	hammer strut spring	215741
	rear sight, 5.9 mm (-2)*	215768	44	insert	215731
	rear sight, 6.7 mm (+2)*	215771	45	locking bolt	215732
	rear sight, 7.1 mm (+4)*	215774	46	frame	215976
5	front sight	215721	47	safety detent	215746
6	firing pin	215705	48	safety detent spring	215747
7	firing pin spring	215706	49	left safety lever	215769
8	firing pin block	215709	50	decocking lever**	
9	firing pin block spring	215710	51	magazine release pin	986432
10	firing pin retaining pin	986432	52	magazine release spring	215737
11	extractor pin	986432	53	magazine release	215775
12	slide	244834	54	slide release spring	215733
13	barrel	215671	55	trigger	215735
14	O-ring	50986429	56	trigger pin	215736
15	recoil spring guide rod	215724	57	slide release lever, complete	215763
16	recoil spring retainer	215725	58	magazine housing (12-rd magazine)	215778
17	buffer spring	215726	58A	magazine housing (10-rd magazine)*	215672
18	dual roll pin (buffer spring retainer)	929908	59	follower (10 & 12-rd magazine)	215779
19	buffer spring retainer	215727	60	locking plate (12-rd magazine)	215781
20	spring ring	929191	60A	locking plate (10-rd magazine)*	214853
21	washer	215728	61	floorplate (12-rd magazine)	215780
22	recoil spring	215729	61A	floorplate (10-rd magazine)*	215673
23	trigger bar, complete	215760	62	magazine spring (12-rd magazine)	215782
24	trigger bar spring	215734	62A	magazine spring (10-rd magazine)*	214821
25	c-clip (decocker)	927062	63	locking insert (molded into frame)	
26	decocking spring**		64	trigger guard insert (molded into frame)	
27	decocker	215742	65	guiding part (molded into frame)	
28	roll pin (ejector)**			12-rd magazine, complete*	50248615
29	ejector	215752		10-rd magazine, complete*	50248616
30	sear	215748			
31	sear spring	215749			
32	sear actuator	215750			
33	disconnecter	215751		thread cap*	970174
34	sear axle	215753			
35	roll pin (right safety lever)	986430		*not pictured	
36	right safety lever	215744		** contact HK for service	
37	sear block	215754			
38	decocking lockout	215745			



Mark 23
Exploded Diagram



HECKLER & KOCH
5675 Transport Boulevard
Columbus, Georgia 31907
Tel: 706-701-5554
www.hk-usa.com



This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.