



**KALASHNIKOV
USA®**

KR-103® SERIES

SEMI-AUTOMATIC 7.62X39mm RIFLE

OWNER'S MANUAL



WARNING

READ THE INSTRUCTIONS AND WARNINGS IN THIS MANUAL CAREFULLY AND UNDERSTAND THEM BEFORE USING THIS FIREARM. IF THERE IS ANYTHING YOU DO NOT UNDERSTAND, IT IS YOUR RESPONSIBILITY TO SEEK ADVICE FROM YOUR RETAILER OR A CERTIFIED FIREARMS INSTRUCTOR OR COMPETENT GUNSMITH.

ALTERNATIVELY, PLEASE CONTACT KALASHNIKOV USA AT 754-222-1407 OR CSFIREARMS@KALASHNIKOV-USA.COM WITH ANY PRODUCT QUESTIONS.

Version 1

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**KR-103® SERIES
SEMI-AUTOMATIC RIFLE**

OWNER'S MANUAL



KR-103®



KR-103® SFS



This manual applies to all Kalashnikov USA® KR-103 rifles, including additional models not depicted with furniture variations or additional accessories.



WARNING!

PRIOR TO REMOVING THIS GUN FROM ITS PACKAGING, AND PRIOR TO HANDLING, LOADING AND FIRING, CAREFULLY AND THOROUGHLY READ AND UNDERSTAND THIS ENTIRE OWNER'S MANUAL WHICH GIVES ADVICE ON THE FIREARM'S PROPER HANDLING, FUNCTIONING AND SAFE USE. YOUR SAFETY AND THAT OF OTHERS (INCLUDING YOUR FAMILY) DEPENDS ON YOUR RESPONSIBLE COMPLIANCE WITH THAT ADVICE, GOOD JUDGMENT AND COMMON SENSE. FIREARMS SAFETY DEPENDS ON YOU. YOU CANNOT FORGET, YOU CANNOT OVERLOOK, YOU CANNOT ALLOW YOURSELF TO BE DISTRACTED, YOU CANNOT BECOME COMPLACENT OR CASUAL WITH FIREARMS. THERE ARE NO "FOOLPROOF" FIREARMS. ONCE A SHOT IS FIRED, IT CANNOT BE CALLED BACK. A FIREARM IN YOUR HANDS CAN CAUSE UNINTENDED DEATH OR SERIOUS BODILY HARM IF YOU FAIL TO FOLLOW SAFE GUN HANDLING RULES AND PRACTICES SUCH AS THOSE CONTAINED IN THIS MANUAL.

REMEMBER, FIREARMS SAFETY DEPENDS ON YOU! IF YOU ARE UNFAMILIAR WITH FIREARMS, SEEK SUPERVISED INSTRUCTION FROM A CERTIFIED INSTRUCTOR.

Important **WARNINGS** and **SAFETY PRECAUTIONS** must be read and understood before using this firearm. **SAFE GUN HANDLING IS YOUR PERSONAL RESPONSIBILITY AT ALL TIMES.** Disregarding the warnings and safety precautions in this manual can result in injury or death to you and others, as well as damage to property.

- Directions and procedures for handling, loading, firing, unloading, disassembling and assembling this firearm.
- Instructions for care, cleaning and repair of this firearm. This OWNER'S MANUAL is designed to help you in learning how to properly and safely use and care for your Kalashnikov USA™ firearm. Only when you are certain you have fully familiarized yourself with the function of your firearm, should you practice loading, unloading, and firing with live rounds of ammunition at a firing range or other safe location.

This OWNER'S MANUAL should always accompany the firearm and be transferred with the firearm on change of ownership or possession. Should you ever need to replace it, this manual is available FREE upon request from Kalashnikov USA™ or on the Kalashnikov USA™ website at www.kalashnikov-usa.com.

ICONS IN OWNER'S MANUAL

Before you start, familiarize yourself with the icons you will see in the manual.

HAZARDS



DANGER—indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



WARNING—indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION—indicates a potentially hazardous situation or an unsafe practice, which, if not avoided, could result in minor or moderate injury or property damage.

ILLUSTRATIONS IN OWNER'S MANUAL

The illustrations in this manual may differ slightly from the actual product.

The illustrations in this manual relate to the right hand shooter configuration.

DANGEROUS PROCEDURES



WARNING! Always have the headspace checked by a competent gunsmith with “Go” and “No-Go” gauges after replacing the bolt or barrel assembly. Failure to check the headspace may result in personal injury or death to you and others and could cause severe damage to the firearm.



WARNING! If your gun misfires with a live round in the chamber of a hot barrel, immediately remove the round while keeping the barrel pointed in a safe direction and the ejection port turned away from your face. If unable to remove the live round within 10 seconds, remove the magazine, keep the gun pointed in a safe direction, and wait 15 minutes for the barrel to cool. Then remove the round.

Continuous or rapid firing of your gun can cause the barrel temperature to reach a “**COOK OFF POINT**”, where the heat of the barrel can cause a live round to fire from remaining in contact with a hot chamber. If you have been firing continuously or rapidly, do not allow a live round to remain in the chamber when you finish firing, as it may “**COOK OFF**” (FIRE). Always keep your face, hands, and other body parts away from the ejection port when clearing a hot chamber.



WARNING! Never fire your gun with any obstruction in the barrel as this could cause the gun to explode! Be sure the barrel is clear of obstructions before shooting.



WARNING! While firing, if you experience a noticeable difference in sound or recoil, **STOP FIRING!** The cause for either condition could be incomplete powder burn, a cartridge with a primer but no powder (“**SQUIB LOAD**”) or too little powder, and/or a bullet stuck in the bore. Immediately unload the gun and check for unburned powder residue in the bore and the receiver or a bullet stuck in the bore. Remove the unburned powder before resuming firing. If a bullet is stuck in the bore, have a qualified gunsmith take care of the problem. Never try to

“**SHOOT OUT**” a bullet stuck in the bore. Firing with unburned powder in the barrel or a bullet stuck in the bore could cause the barrel to explode causing serious injury or death.

GENERAL SAFETY RULES AND PROCEDURES



CAUTION

CAUTION! The manufacturer of this firearm disclaims any liability for the use of re-manufactured, reloaded or hand-loaded ammunition. Use only factory new, quality ammunition. The use of improper caliber or low quality ammunition could result in injury, death and/or property damage upon firing. Remember, firearms safety depends on you!



WARNING

WARNING! Careless and improper handling of this gun could result in unintended discharge, causing injury, death or property damage. Safety must be the first and constant consideration when handling a firearm and ammunition. **SAFETY DEPENDS ON YOU.**



CAUTION

CAUTION! This firearm was designed to function properly in its original condition. Do not alter any parts. Do not replace any parts unless you are factory-trained to do so and then use only original factory parts from Kalashnikov USA. Any alterations or changes made to a firearm after its manufacture can make the gun unsafe and will void its warranty.



WARNING

WARNING! This firearm should always be carried with the chamber empty and with the safety on “**SAFE**” to prevent accidental discharge.



WARNING! Always handle and treat your firearm as if it were loaded so you will never fire it accidentally when you mistakenly think it is unloaded. Never take anyone's word that it is unloaded. Always check it yourself with your fingers off the trigger and the gun pointed in a safe direction. Even after you have confirmed that the gun is unloaded, continue to treat it as if it were loaded. Never look down a barrel.



WARNING! Do not pull the trigger or attempt to fire until the safety selector has been moved to the **FIRE** position.



DANGER! DO NOT allow any fingers of your non-shooting hand to enter the trigger guard at any time. If you do so, there is a chance your non-shooting hand or fingers could touch the trigger, unintentionally firing the firearm and resulting in death or serious injury.



DANGER! Always keep the safety on "**SAFE**" and your finger outside the trigger area, wrapped around the grip or braced on the gun's receiver, until you intend to fire.



WARNING! All persons present must wear suitable eye and ear protection, and must stand clear of the case ejection area.



WARNING! Keep the gun's muzzle pointed in a safe direction at all times. A safe direction is one in which an unintentionally fired shot will not cause any physical injury or property damage. Never let the muzzle of a firearm point at any part of your body or another person, or in any direction where an injury may result if the gun were to fire. Always be sure of your target and what's beyond and around it before firing.



WARNING! UNLOAD ALL FIREARMS WHEN NOT IN USE. NEVER STORE A LOADED FIREARM. Firearms and ammunition should be stored separately under lock and key so that they are inaccessible to children or unauthorized users. Never leave a loaded firearm, or any firearm or ammunition, unattended where an unauthorized user might have access to it. At the range, any firearm you lay down on the shooting bench should be unloaded, and if possible with its action locked open.

Never let the muzzle of a firearm touch the ground, mud, sand or snow, which might obstruct the bore, causing the barrel to burst when you fire. If you drop a firearm, pick it up carefully with it pointed in a safe direction (have all other people move out of the direction of the muzzle), with your finger outside the trigger area and the safety in the "SAFE" position. Then unload the firearm and check to be sure there are no obstructions in the bore. This can be done safely with a cleaning rod, or by disassembling the firearm and looking down the bore from the chamber (rear) end. If there is any possibility of damage to your firearm, have it inspected by a qualified gunsmith, or return it to Kalashnikov USA for inspection, before you load or fire it again.



WARNING! Always make sure your firearm is not loaded before cleaning, storing, transporting or handing it to another person. Firearms should be transported unloaded and in a protective gun case.



WARNING! Whenever you pick up any firearm that, even for an instant, has been out of your direct, continuous control, the first thing you must do, while keeping the muzzle pointed in a safe direction and your fingers out of the trigger area, is to open the firearm's action (mechanism) to determine whether or not it is loaded.



WARNING! Always wear and require others to wear commercially manufactured ear protection when shooting. Without ear protection, the noise from your gun, and other guns close to you, could leave a “ringing” in the ears for some time after firing, and could result in your permanent hearing loss.



CAUTION! Learn the mechanical and handling characteristics of the firearm you are using. Not all firearms are the same, and your Kalashnikov USA™ firearm has some unique features. Do not assume that just because you have experience with other firearms, you know how to use the Kalashnikov USA™ firearm properly. Read and understand this manual. If there is anything you do not understand, contact your firearms retailer or Kalashnikov USA™ at csfirearms@kalashnikov-usa.com or telephone 754-222-1407.



WARNING! Do not shoot at a hard surface, such as rock, masonry, metal, water or ice. The projectile may ricochet and travel in unpredictable directions to strike you or another unintended person or object, or even an object that you cannot see.



WARNING! A bullet fired into the air can travel over one mile, and can kill or seriously injure someone when it comes down. Never fire into the air.



CAUTION! Before hunting with this or any other firearm, take an approved Hunter Safety Course, taught in all states by the state game commission or by the National Rifle Association (NRA). Follow your state’s game laws at all times while hunting.



CAUTION

CAUTION! If you have not received formal firearms instruction or if you have any doubts about your ability to handle or use this firearm safely, seek supervised instruction from a certified instructor. Information about sources of firearms instruction can often be obtained from your local police department, firearms retailer, gun club, shooting range, state game commission, or from the National Rifle Association (NRA), 11250 Waples Mill Road, Fairfax, Virginia 22030, telephone 1-703-267-1000 or 1-800-672-3888.



WARNING

WARNING! If at any time you notice something about the appearance or functioning of your Kalashnikov USA firearm that does not seem proper or that causes you concern, **STOP**, unload your firearm immediately, and do not load or fire your firearm until you have it inspected and, if necessary, repaired by a factory-trained armorer, or by Kalashnikov USA™. If you fire your Kalashnikov USA™ firearm extensively, have it professionally inspected and serviced periodically (annually is a good average interval) by a factory-trained armorer or by Kalashnikov USA™.



WARNING

WARNING! Firearms and alcohol do not mix. Never drink alcoholic beverages or take drugs before or during shooting. This constitutes criminal disregard for your safety and that of others. Some medications can impair your vision, balance, reflexes, coordination, alertness or judgment. Never use a firearm while you are taking medication unless you have checked with your doctor to ensure you're fit to handle your firearm safely. Do not handle your firearm when you are ill, tired, upset or distracted.



CAUTION

CAUTION! Horseplay has no place around firearms. Guns can't think – you can! **SAFETY DEPENDS ON YOU!**



CAUTION

CAUTION! Remember, safety is your responsibility. Be a safe shooter. **SAFETY DEPENDS ON YOU!**



CAUTION

CAUTION! FOLLOW THE LAW. Obey all local, state and federal laws regarding possessing, storage, shooting and transporting of your firearm.



WARNING

WARNING! Discharging firearms in poorly ventilated areas, cleaning or handling firearms, or handling ammunition may result in exposure to lead and other substances that may cause birth defects, reproductive harm, and other serious physical injury. Have adequate ventilation at all times. Wash your hands and face thoroughly after exposure, and before eating or drinking. Shooting, handling or cleaning firearms may expose you to lead, which is a toxic substance.



WARNING

WARNING! Firearms must be handled responsibly and securely store 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 website of the California Attorney General at oag.ca.gov/firearms for information on firearms 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 firearms 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).



REMEMBER, FIREARMS SAFETY DEPENDS ON YOU! A SINGLE MOMENT OF INATTENTION OR A SINGLE FAILURE TO FOLLOW THESE GUN SAFETY RULES AND WARNINGS CAN RESULT IN TRAGEDY. YOU ARE RESPONSIBLE FOR THE GUN THAT IS IN YOUR HANDS, IN YOUR POSSESSION, OR UNDER YOUR CONTROL. FIREARMS SAFETY DEPENDS ON YOU!

FIREARMS SAFE HOME STORAGE CHECKLIST

- Firearms naturally attract the attention of children, teenagers and adults alike. Accordingly, it is your responsibility to ensure that your firearms, when unattended, stored, or not in use, are secured under lock and key, safely out of the access of all unauthorized users. This is your responsibility, and any mistake or laziness on your part can result in death or serious injury to your loved ones or others.
- Firearms must be securely stored under lock and key in a location inaccessible to children and other unauthorized persons.
- One of the safest ways to store your firearms is in a locking metal gun safe or lock box. Many models, including ones permitting quick access to the firearm if needed for self-defense, are now available at firearms retailers or via the Internet. Firearms should be unloaded before they are brought into the home and never loaded while in the home.
- Sporting firearms should be immediately cleaned and placed in secure locked storage when they are returned from hunting or target shooting.
- When firearms are removed from storage, they must always immediately be carefully checked to confirm that they are unloaded.
- Ammunition should be stored under lock and key, in a separate location from firearms.
- The OWNER'S MANUAL that came with your firearm must be read, understood and followed.

For more information on safe storage and use, refer to the NSSF pamphlets "Firearms Safety Depends on You" and "Firearms Responsibility in the Home", available for download from the NSSF website at <http://nssf.org>

1. DESCRIPTION AND OPERATION

1.1 MODELS

The Kalashnikov USA® KR-103® series is produced in multiple configurations as a semi-automatic rifle. They include a detachable magazine which is available in 7.62x39mm.

Models and specifications are subject to change.



The **KR-103** rifle is a US manufactured 7.62x39mm semi-automatic rifle. It is meticulously built to spec of the Russian AK-100 series. The KR-103 accepts Kalashnikov USA, as well as other compatible magazines. All models ship standard with a side mounted optics rail, a 24x1.5mm threaded muzzle device and a standard pistol grip*.

**Compliant models will vary in makeup.*

1.2 SPECIFICATIONS

CALIBER	OPERATION	ACTION	BARREL LENGTH	SIGHTS	FIXED OAL
7.62x39mm	Gas Piston	Semi-Automatic	16.33"	Rear Leaf/ Front Sight Post	36.75"

1.3 STANDARD COMPONENTS

Platform consists of the following main components:

- Barrel with Receiver
- Both Carrier Group
- Fire Control Group
- Gas Tube
- Buttstock
- Upper/Lower Hand Guard
- Pistol Grip
- Detachable Magazine
- Top Cover
- Cleaning Rod
- Muzzle Device

The firearm components are shown in Schematics. (Pages 30-31)



1.5 DESIGN AND OPERATION

When the first round is fired, the firearm automatically reloads using the energy of the gases of the fired round passing through the gas port into the gas block. Pressure builds in the gas block and forces the piston of the bolt carrier group rearward. During its rearward travel the carrier begins to unlock the bolt from battery. Once unlocked the bolt carrier group continues rearward ejecting the spent casing as it hits the ejector and clearing the casing from the receiver. Once the bolt carrier group has completed its rearward travel the recoil spring assembly will force the bolt carrier group forward picking up a fresh cartridge from the magazine during its forward travel and locking the bolt carrier group and fresh cartridge into battery. ready to be fired again when the trigger is pulled.

In addition, the firearm can be cycled by hand (with a magazine in the magazine well) by retracting the bolt carrier to the rearmost position by hand and utilizing the energy of the recoil spring to pick up the cartridge from the magazine and position it in the breach of the barrel.

The fire control group utilizes a hammer type design to ensure single shot firing and a trigger blocking device when the safety lever is set at the safe position to prevent firing.

The magazine is released by pressing the magazine latch forward.

2. DESIGNATED USE

2.1 LIMITATIONS IN SERVICE



2.1.1 WARNING! Before using the firearm, read and understand all of the warnings in the front of this manual.

2.1.2 Read and understand this OWNER'S MANUAL manual completely.



2.1.3 CAUTION! Study the firearm design. Paying special attention to all of the safety precautions.



2.1.4 CAUTION! Use only new, unexpired, factory ammunition in the rifle/pistol. The use of reloaded or expired ammunition will void the warranty.



2.1.5 CAUTION! To prevent firing pin breakage, do not dry fire the rifle, unless necessary.



2.1.6 WARNING! Always use protective shooting glasses and hearing protection.



2.2 SAFETY PRECAUTIONS

2.2.1 CAUTION! When in service, after each firing operation, thoroughly inspect the receiver, the bolt and the bolt carrier for absence of cracks, as well as the barrel for absence of cracks or bulging.

If one of these faults has been detected, or if ruptures have appeared in the bottom portion of bullet cases, stop using the firearm.

The rifle design ensures its safe functioning providing proper rules of operation are adhered to and correct ammunition specified in Section 1.2 "Caliber" is used.

To ensure safe handling of the rifle/pistol follow all safety precautions listed on pages 4-13 of this manual:

- Always handle the firearm as if it is loaded.
- Never point the firearm at a person
- Verify the magazine and chamber are empty, by disengaging the safety, retracting the bolt and inspecting the magazine and chamber.
- Before loading the rifle, inspect the barrel bore and the chamber to be certain they are free of any obstruction.
- In case of a misfire, point the gun in a safe direction and don't open the bolt for 3 (three) minutes to prevent the possibility of a hangfire.
- Always keep the safety lever engaged to prevent an accidental discharge.

- Empty the magazine and chamber before leaving the shooting area and before entering an inhabited area, before entering a vehicle, and when crossing forests, rough terrain or any body of water.
- Store the firearms and ammunition separately and beyond the reach of children and straglers.
- Only use new unexpired, factory loaded ammunition. Do not use reloaded ammunition or any ammunition with traces of corrosion or in past the ammunition manufacturer's expiration date. The powder charge may be affected in expired or corroded ammunition resulting in excessive pressure in the barrel bore or insufficient pressure to expel the projectile from the barrel. Insufficient pressure can cause the projectile to become lodged in the barrel bore, obstructing the barrel bore and the next shot will create excessive pressure in it and may cause the barrel to burst. Both insufficient and excessive pressure conditions are unsafe and are dangerous and can cause damage to the rifle and serious injury or death to the shooter or bystanders.
- During firearms use, pay attention to any changes in your firearm which may affect safety.
- Cease firing if there are any visible defects on the barrel, receiver, or bolt; In addition to ruptures in the ammo casing.
- The manufacturer bears no responsibility for rifle/pistol damage which results from not following the safety rules.

2.3 SAFETY PRECAUTIONS



2.3.1 CAUTION! Before operating the firearm you must familiarize yourself with all the warnings in the front of this manual.

2.3.2 Verify the firearm is unloaded. Remove the magazine (if not already done), inspect the magazine well and chamber to make sure there is no ammunition in the firearm.

Before using or loading ammunition in the rifle/pistol always:

- Wipe the barrel bore and chamber, muzzle chokes and gas chamber dry to remove any grease or fouling.
- Verify the hand guard is secured by the retaining hand guard lock lever.
- Verify the attached magazine is securely held in place by the magazine release.
- Pull the bolt handle fully to the rear and release it to check the rifle for proper functioning. Make sure the chamber is empty and the magazine is out when doing this.

2.4 OPERATING PROCEDURE

2.4.1 Engaging and disengaging the safety.

2.4.1.1 Engage the safety - move the safety upwards to the "S" (Safe) position. The trigger is now blocked.

2.4.1.2 Disengage the safety - move the safety downwards to the "F" (Fire) position. The rifle will now fire if the trigger is depressed.

2.4.2 Loading and firing procedure:

- Engage the safety by moving it to the "S" position.
- Press the magazine release and detach the magazine from the firearm by rotating bottom portion of the magazine forward.
- Load the magazine with the correct ammunition, feeding them one-by-one from the front of the magazine and under the magazine feed lips by pressing the round straight down and rearward until the rounds stop against the rear wall of the magazine.
- Attach the loaded magazine to the firearm by first positioning the front engaging lug of the magazine into the magazine well. Then rotate the magazine body rearward and up into the magwell locking the rear lug into the magazine catch of the receiver.
- When ready to fire, disengage safety; **Always keeping you fingers or any object away from the trigger and outside of the trigger guard.**
- Retract the bolt carrier handle rearwards the full length of travel until it stop and then release it. The bolt carrier will move forward loading the first round into the chamber.

The rifle is loaded and ready to fire. Aim at a known target, pull the trigger and the rifle will fire.

To fire the next round from the auto-loading rifle/pistol, release the trigger and depress it again.

Put the safety back on by moving the safety lever up from the "F" position to the "S" position.

NOTE: When the magazine is depleted, the bolt will remain in the forward position.

2.4.3 Unloading procedure:

- Make sure the muzzle of the barrel is pointed in a safe direction.
- Engage the safety.
- Detach the magazine.
- Disengage the safety.

- Move the bolt carrier rearward, hold it while maintaining muzzle pointed in safe direction.
- Visually inspect the magazine well and chamber for ammunition.
- Extract ammo from the chamber and magazine well (if necessary).
- Move the bolt forward. This will reset the trigger.
- Engage the safety.
- Empty the ammunition from the magazine.



CAUTION

2. MAINTENANCE

3.1 GENERAL

3.1.1 Maintenance consists of inspection, cleaning and lubrication of the rifle during field stripping or disassembly. The field stripping of the rifle is carried out for its inspection, cleaning and lubrication after firing.



DANGER

3.1.2 DANGER! BEFORE BEGINNING DISASSEMBLY, MAKE SURE THAT THE RIFLE IS UNLOADED. With the rifle pointed in a safe direction, detach the magazine, disengage the safety, retract the bolt using the bolt handle, examine the chamber and magazine well to make sure that it is empty, and finally move the bolt into the forward position.

3.1.3 Disassemble and assemble the rifle on a table or clean canvas. When placing the parts and components down arrange them in the sequence of removal, handle the detached parts with care, do not put one part on another, and when removing them, avoid excessive effort and sharp blows.



CAUTION

3.1.4 CAUTION! ONLY USE RECOMMENDED OR KNOWN CHEMICAL AGENTS FOR CLEANING AND LUBRICATION OF THE RIFLE. UNKNOWN OR NON-RECOMMENDED CHEMICAL AGENTS MAY BE DANGEROUS FOR YOU AND DAMAGE THE RIFLE PARTS AND COMPONENTS.

3.2 OPERATING PROCEDURE

3.1.1 Field Stripping Procedure:



Figure 3.1 — Detaching The Magazine

- Make sure the firearm is unloaded and there is no ammunition in the magazine or chamber. Move the safety lever to "S" or safe position.
- Detach the magazine as shown in Figure 3.1. Hold the firearm by the forend with one hand, grip the magazine with the other hand and depress the magazine latch with a thumb in the direction of the magazine, push the lower portion of the magazine forwards and detach it.



Figure 3.2 — Detaching The Receiver Cover

- Press in the receiver cover release button on the rear of the receiver cover.
- To Remove the receiver cover, as shown in Figure 3.2. Hold the rear portion of receiver cover with one hand, and hold the buttstock with your other hand. Using the hand holding the rear of the receiver push the exposed button of the recoil spring guide and push forward the recoil spring guide into the receiver as you pull the cover up to separate the cover from the recoil spring guide and receiver.



Figure 3.3 — Detaching The Recoil Spring Guide Assembly

- Detach the recoil spring guide assembly from the receiver as shown in Figure 3.3. Push the recoil spring guide forward one inch (2.5 cm) until the guide is out of the receiver end slot of the rear block and extract the recoil spring assembly from the receiver and the bolt carrier channel, moving it up and to the rear.



Figure 3.4 — Detaching The Bolt Carrier And The Bolt

- Remove the bolt carrier and the bolt as shown in Figure 3.4. Move the safety lever to the “F” (Fire) position, keeping your fingers away from the trigger area. Retract the bolt carrier until it is at the rear of the receiver, lift it up until it is just out of the receiver and then to the rear to allow the gas piston to come out of the gas tube and remove the bolt carrier and bolt as one unit.

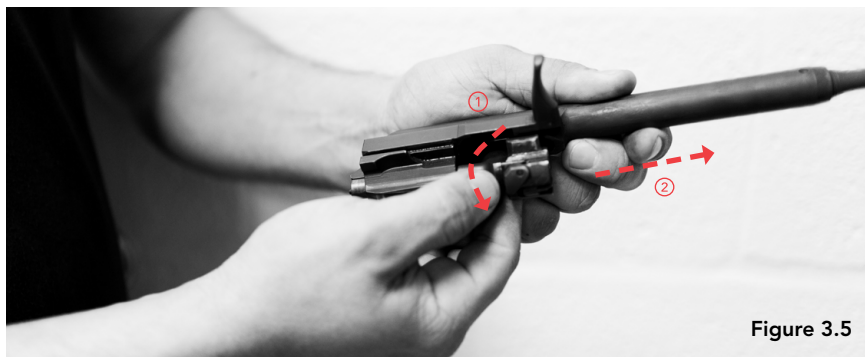


Figure 3.5

Figure 3.5 — Detaching The Bolt From The Bolt Carrier

- Separate the bolt from the bolt carrier. Hold the bolt and the bolt carrier with one hand, as shown in Figure 3.5, turn the bolt head counterclockwise with your other hand. As the bolt turns counterclockwise it will also move to the rear of the bolt carrier. After the bolt travels about one inch (2.5 cm) rearward (and while the bolt rotates counter-clockwise) you will be able to continue to rotate the bolt counter-clockwise without it moving any further rearward as the bolt lug is now disengaged from the shaped slot in the bolt carrier and by moving the bolt forwards (without turning it) the bolt can be removed from the bolt-carrier channel.



Figure 3.6

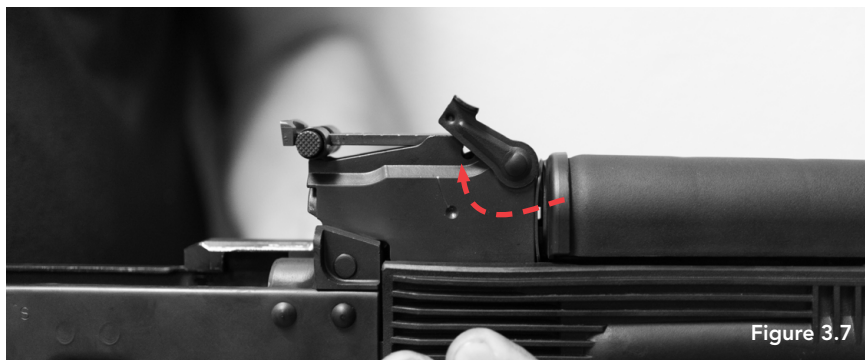


Figure 3.7



Figure 3.8

Figures 3.6–3.8 — Detaching Upper Hand Guard Cover / Gas Tube Latch

- Gas tube latch is a cam lock for the gas tube. As shown in Figures 3.6 & 3.7, rotate the lever and position the the latch till you can visually see the cam portion of the latch holding the gas tube down clear away allowing for unobstructed removal of gas tube. As shown in Figure 3.8, lift gas tube hand guard from the rear, upward and out, removing upper hand guard / gas tube from the action.

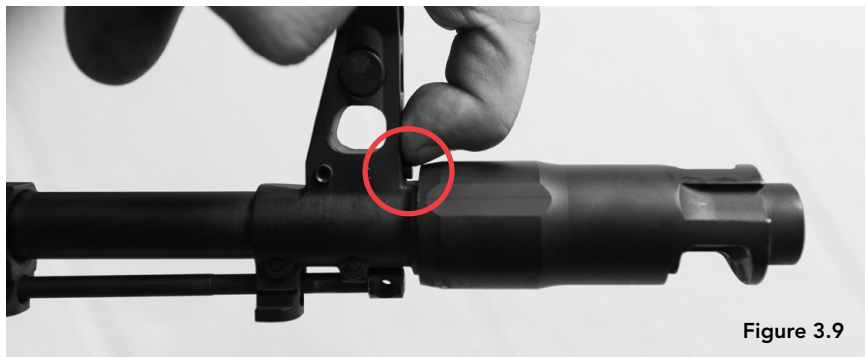


Figure 3.9

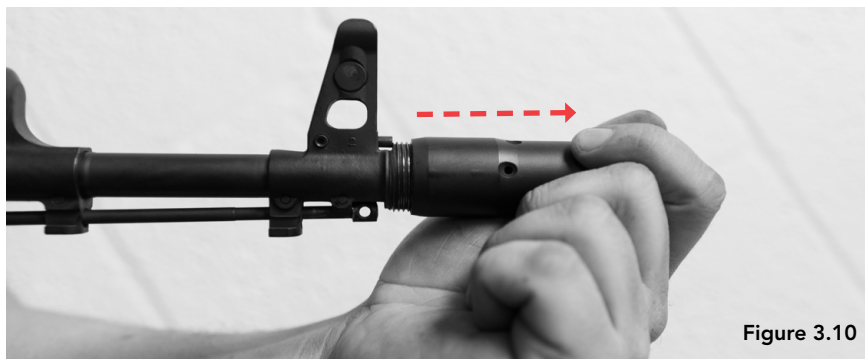


Figure 3.10

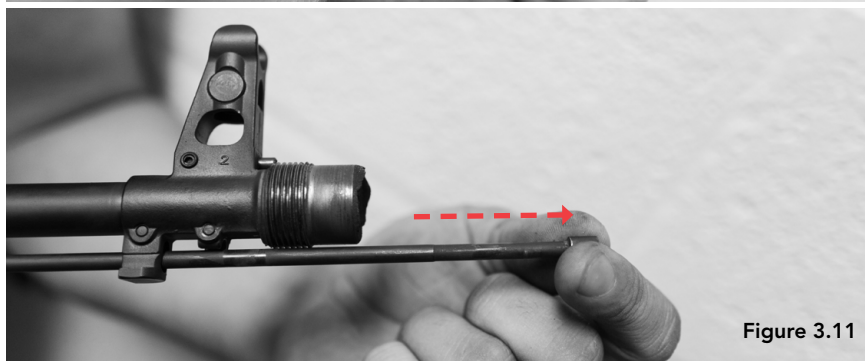


Figure 3.11

Figures 3.9–3.11 — Accessing the Cleaning Rod

- Located on the front sight base, depress detent (Figure 3.9). Maintain holding detent depressed, begin unscrewing your muzzle device in a counterclockwise rotation until it is removed (Figure 3.10).
- With muzzle device removed pull down slightly on your cleaning rod head so to clear the threads on your front sight base. Then simply begin pulling cleaning rod free from your rifle (as seen in Figure 3.11).

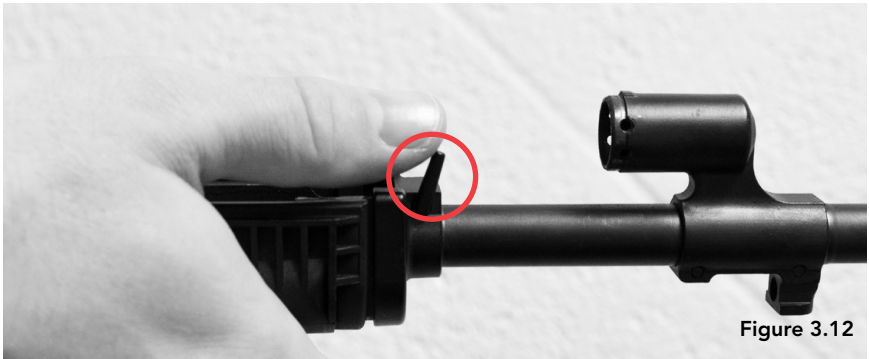


Figure 3.12

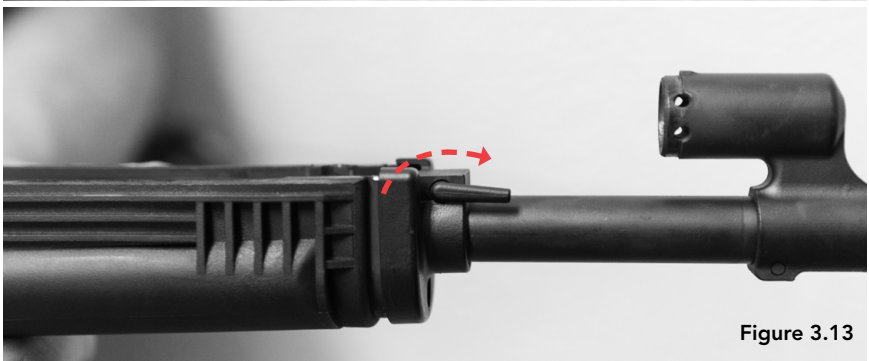


Figure 3.13

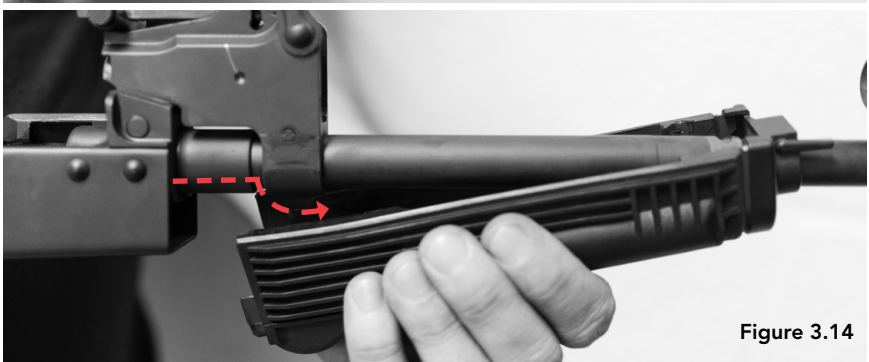
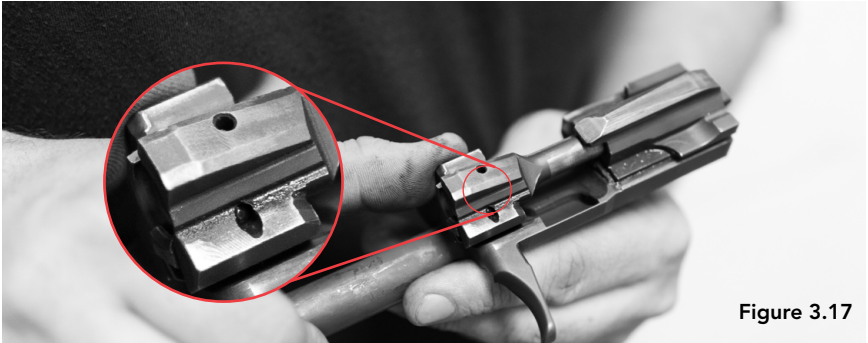
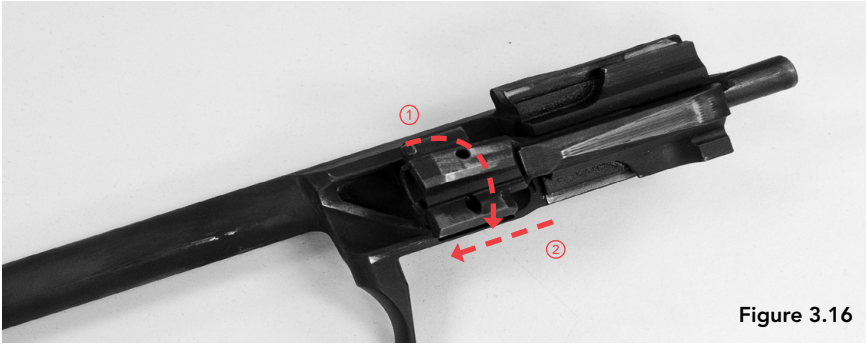


Figure 3.14

Figures 3.12–3.14 — Detaching Lower Hand Guard

- As shown in Figures 3.12 & 3.13, rotate the lever towards the front of the barrel. As shown in Figure 3.14, slide the lower hand guard forward, then downwards and out, removing lower hand guard from the action.

3.3 REASSEMBLY AFTER FIELD STRIPPING



Reassemble in the reverse order as follows:

- Attach the bolt to the bolt carrier. Insert the bolt into the bolt carrier channel and turn it so that its bolt cam enters the cam channel of the bolt carrier, then move the bolt forward guided by the cam channel until it stops.
- Before putting the bolt carrier group into the receiver make sure that the hammer is engaged with the trigger-mechanism (trigger hook). If the hammer is not engaged, using your finger, push the hammer to the rear and down until it engages the trigger hook.

- Insert bolt carrier group into the receiver. Push down over coming hammer spring tension till the bolt carrier group rails have full contact to both receiver rails left and right. Proceed to push bolt carrier group forward into battery.



WARNING! WHEN ATTACHING THE BOLT CARRIER ASSEMBLY TO THE RECEIVER VERIFY THE SLOTS FOR THE EJECTOR ON THE BOLT AND THE BOLT HEAD ARE ALIGNED.

- Insert the recoil spring assembly into the bolt carrier channel and insert the recoil spring guide base into the rear trunnion grooves. Insert the top cover by its front face into the semicircular notch on the rear sight base and press the rear of the top cover down while maintaining forward pressure keeping the front of the top cover locked into the rear sight base notch enters the rectangular hole in the receiver cover.
- Return safety lever to "S" (Safe) position.

3.4 CLEANING AND LUBRICATION

3.4.1 Cleaning and Lubrication

Your firearm should be cleaned after each use.

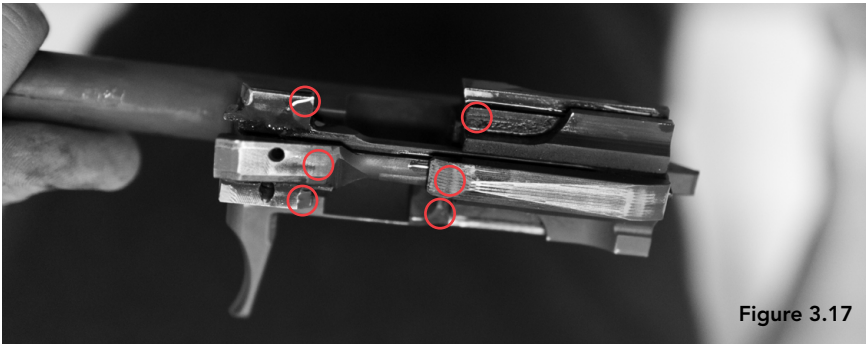


Figure 3.17

The cleaning process follows:

- Your firearm should be cleaned after each use. Make sure the firearm is unloaded and there are no rounds in the magazine or chamber. Refer to Section 2.4.3 for more details.
- In a well ventilated area, use the cleaning rod provided with your rifle with a proper size bore brush attached.
- To get access to the cleaning rod (Figure 3.11), follow this process: Depress the muzzle brake detent on the front sight base and unscrew the muzzle brake. Having access to the rod, pull down the tip of the cleaning rod and pull it out of it's storing spot.

- Apply bore cleaner to the brush and run it through the barrel a few times to remove fouling. Next, remove the brush and attach a patch holder to the rod. Thread a patch through the slot in the holder and apply bore cleaner. Run the patch through the barrel replacing the patches until they come out clean.
- With a new patch, apply few drops of quality gun oil and run through the barrel one more time.
- Clean the outer components as needed to remove carbon deposits and finish with a light coat of oil.

Minimal cleaning areas:

Wipe the clean area where the bolt carrier and bolt interface with each other along with the receiver. Paying extra attention to the rails of the receiver, front trunnion bolt lug slots, receiver rail slots in the bolt carrier and all of the bolt assembly.

3.4.2 Lubing

It is recommended to only use a small drop of oil in these 6 key locations (See Figure 3.15). With the bolt in the carrier, lube both rail slots, back of locking lugs of the bolt, forward cam lug, and finally the hammer ridding surface of the bolt carrier. (NOTE: Be sure not to lube components in the gas block, the gas block, nor the piston).



CAUTION

3.5 ADJUSTING THE IRON SIGHTS

The front sight can be adjusted for accuracy of fire for both elevation (Up and Down) and windage (Left and Right).

- Windage Adjustment: To move the front-sight drum use a specifically designed tool.
- Elevation Adjustment: The front sight elevation is changed by screwing in/out the front sight post using a specifically designed tool.
- Rear sight adjustment: the rear sight can be adjusted by depressing the elevation plunger and sliding elevation slide to the desired setting on sight leaf.

4. TRANSPORTATION

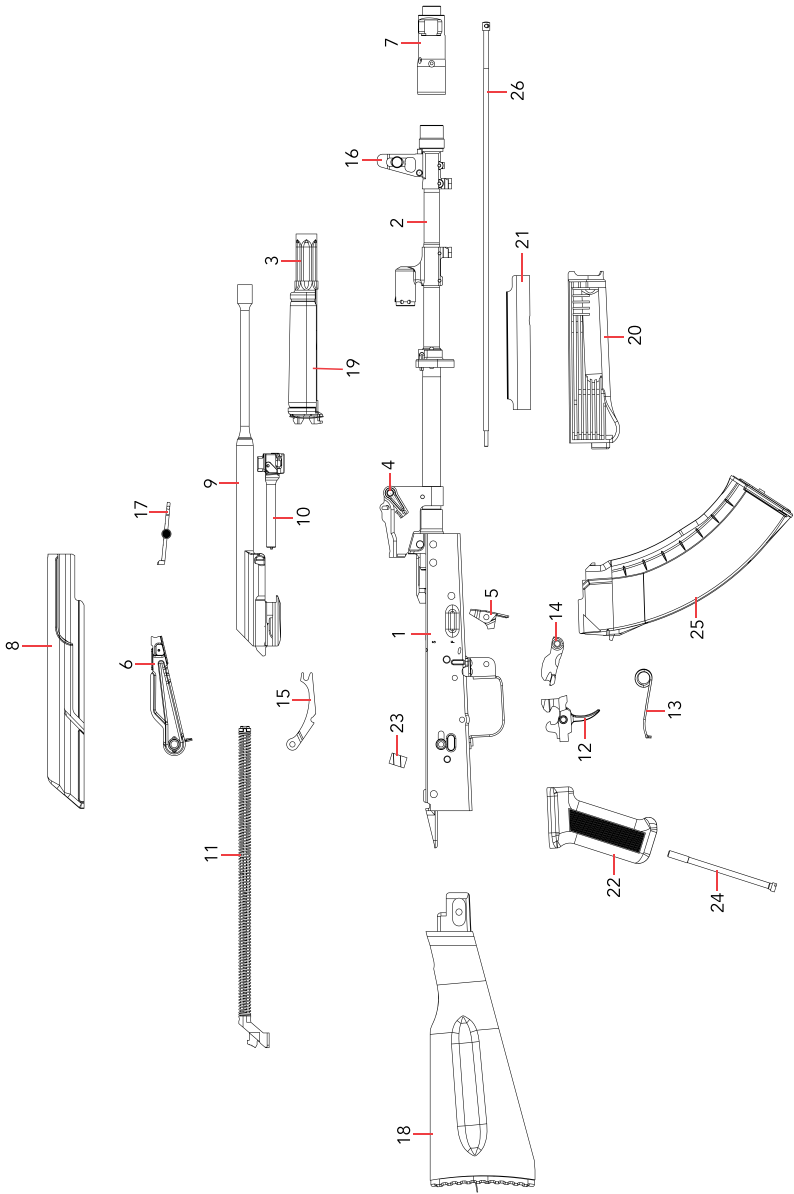
4.1 Transport the rifle in a carrying case to protect it from shocks and drops.

5. STORAGE

5.1 As packed by the manufacturer, store the rifle for no longer than 12 months without rust-preservation (shorter periods in damp cold or humid environments).

5.2 Store the rifle in dry premises without sharp temperature fluctuations, away from heating devices. Aggressive impurities should be absent in the ambient air. The rifle should be always unloaded, the magazine detached and the safety should be in the (Safe) "S" position. The rifle should be cleaned and lubricated before storage. Store in a gun safe or proper secure system.

SCHEMATICS
(MAY VARY BY MODEL)



PARTS LIST

(MAY VARY BY MODEL)

BARREL WITH RECEIVER

- 1 — RECEIVER
- 2 — BARREL
- 3 — GAS TUBE
- 4 — RETAINING UPPER HAND GUARD LOCK
- 5 — MAGAZINE CATCH
- 6 — SAFETY SELECTOR LEVER
- 7 — MUZZLE DEVICE
- 8 — RECEIVER COVER

BOLT

- 10 — BOLT CARRIER
- 11 — BOLT

RECOIL SPRING ASSEMBLY

- 11 — RECOIL SPRING ASSEMBLY

TRIGGER AND FIRING MECHANISM

- 12 — TRIGGER GROUP
- 13 — HAMMER SPRING
- 14 — HAMMER
- 15 — TRIGGER AXIS PIN LOCK

IRON SIGHTING DEVICE

- 16 — FRONT SIGHT
- 17 — REAR SIGHT

FURNITURE

- 18 — BUTTSTOCK
- 19 — UPPER HAND GUARD
- 20 — LOWER HAND GUARD
- 21 — HAND GUARD HEAT SHIELD
- 22 — PISTOL GRIP
- 23 — PISTOL GRIP NUT
- 24 — PISTOL GRIP SCREW
- 25 — MAGAZINE
- 26 — CLEANING ROD

WARRANTY

KALASHNIKOV USA LIMITED WARRANTY:

Kalashnikov USA firearms are manufactured to the highest quality standards. Each firearm is tested and the quality is assured before the firearm leaves the factory.

This limited warranty has been drafted in compliance with Magnuson-Moss Warranty Federal Trade Commission Improvement Act, which is effective for goods manufactured on or after December 31, 1975.

All firearms manufactured by Kalashnikov USA have a limited 2 year warranty to the original purchaser. Original retail purchase date is verified by your sales receipt and ATF Form 4473.

This warranty does not cover:

- **DAMAGE TO THE FIREARM CAUSED BY FAILURE TO PROVIDE PROPER CARE, STORAGE AND MAINTENANCE.**
- **ACCIDENTS, MISUSE, NEGLIGENCE, ABUSE OR UNREASONABLE USE.**
- **USE OF THE FIREARM WITH HAND LOADED, RELOADED, DEFECTIVE OR IMPROPER AMMUNITION.**
- **DAMAGE CAUSED BY BARREL OBSTRUCTION.**
- **UNAUTHORIZED ADJUSTMENT, DISASSEMBLY, REPAIRS, OR MODIFICATIONS.**
- **DAMAGE CAUSED BY FIRING HIGH ENERGY ROUNDS WITH THE GAS REGULATOR IN THE POSITION DESIGNED FOR LIGHT LOADS.**
- **NORMAL WEAR AND TEAR, INCLUDING BARREL BORE WEAR OR CORROSION.**
- **FINISH OR SURFACE COATINGS.**
- **PHYSICAL INJURY OR PROPERTY DAMAGES RESULTING IN WHOLE OR IN PART FROM CRIMINAL USE OR NEGLIGENT, IMPROPER USE OR CARELESS HANDLING.**
- **LOSS OR DAMAGE OCCURRING DURING RETURN SHIPMENT.**
- **THIS WARRANTY DOES NOT COVER SECOND AND SUBSEQUENT OWNERS OF THIS FIREARM.**

If you discover a defect during the warranty period, Kalashnikov USA will, at its option, repair or replace the firearm with a comparable firearm at no charge. A service or handling charge may be required for non warranty repairs.

Kalashnikov USA excludes and will not pay incidental or consequential damages with respect to economic loss, injury or property damage resulting from the breach of either the express or implied warranty. No implied warranties extend beyond the term of this written warranty. Please note: Some jurisdictions do not allow exclusion of incidental or consequential damages, or limitation on how long an implied warranty lasts. Thus the above exclusion and limitations may not apply to you. This warranty gives specific legal rights to the original retail purchaser only. Other rights may apply and vary from state to state. The terms of this warranty can only be changed by an authorized officer of Kalashnikov USA.

If you have any questions, concerns or service or warranty issues please contact our customer service department at 754-222-1407 or e-mail csfirearms@kalashnikov-usa.com. Customer service will provide shipping instructions.

All returns require a RMA # and must follow the shipping instructions. Do not ship firearms without a RMA #. **FIREARMS MUST BE UNLOADED. AMMUNITION MUST NOT BE SHIPPED WITH THE FIREARM. PACK THE FIREARM SECURELY.** The sender must prepay freight. We will not accept C.O.D. shipments.

If you do not have an owner's manual, please download it from our website.



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 productive harm. For more information go to www.p65Warnings.ca.gov



Este producto puede exponerlo a productos químicos como el plomo, que el estado de California sabe que causan cáncer y defectos congénitos u otros daños productivos. Para más información ir a www.p65Warnings.ca.gov

Your Kalashnikov USA firearm comes standard (USA only) with a cable lock (Figure 6.1). The cable must be placed through the ejection port and out of the magazine well. Insert the end of the cable into the lock and make sure it is locked into place.



Figure 6.1

NOTES



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