

# HEIZER DEFENSE PKO PISTOL Owner's Manual



**READ THE INSTRUCTIONS AND WARNINGS IN THIS  
MANUAL CAREFULLY BEFORE USING THIS  
FIREARM**

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**For information on these Pistols, contact Heizer  
Defense: 888.965.0972**

**THIS INSTRUCTION MANUAL SHOULD ALWAYS ACCOMPANY THIS FIREARM AND BE TRANSFERRED WITH IT  
UPON CHANGE OF OWNERSHIP OR WHEN THE FIREARM IS LOANED OR PRESENTED TO ANOTHER PERSON**

A Download of this manual is available on our website:

**[HEIZERDEFENSE.COM](http://HEIZERDEFENSE.COM)**

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## **FIREARM SAFETY IS YOUR RESPONSIBILITY**

### **SAFETY MUST BE THE FIRST AND CONSTANT CONSIDERATION OF EVERY PERSON WHO HANDLES FIREARMS AND AMMUNITION**

This Owner's Manual is designed to assist you in learning how to use and to care for your **HEIZER DEFENSE®PKO PISTOL** properly. Please contact us if you have any questions.

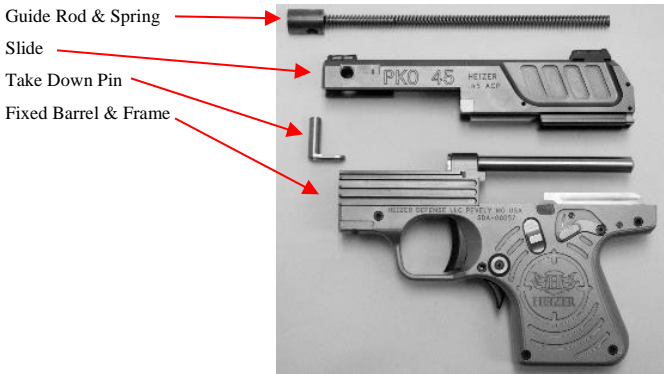
Only when you are certain you fully understand the Manual and can properly carry out its instructions should you practice loading, unloading, etc. with live ammunition. If you have any doubts about your ability to handle or use a particular type of gun safely, you should seek supervised instruction. Such personalized instruction often is available from local gun retailers, gun clubs or police departments. If none of these sources can help, visit [www.nra.org/home](http://www.nra.org/home) or write to the following address:

National Rifle Association 11250  
Waples Mill Road Fairfax, VA 22030

**You must know how to use your firearm safely.**

**Do not use any firearm without having a complete understanding of its particular characteristics and safe use.**

**Nomenclature:**



## **WHY ARE WE INCLUDING A FIRED CARTRIDGE CASE WITH EVERY HEIZER DEFENSE PISTOL?**

Certain states and jurisdictions require newly manufactured pistols must be accompanied by a cartridge case that has been test fired from that gun at the factory. The case must be placed in a sealed container bearing certain information concerning this test cartridge.

At the time of retail sale in those jurisdictions, firearms dealers must forward such test cartridge to a designated destination such as their State Police Laboratory. As independent distributors of Heizer Defense® firearms have nationwide markets without territorial restrictions, we have decided to include a fired cartridge case with all new Heizer Defense® pistols to minimize the possibility of inadvertent non-compliance with these laws.

Retail customers located in other states, where laws or regulations do not require the dealer to so act, may be assured that the fired cartridge case they receive with the firearm at the time of retail purchase is proof that your new Heizer Defense firearm has undergone our normal test firing procedures during manufacture.

**LOCKING DEVICE**  
**INSTALLATION INSTRUCTIONS**

**WARNING – USE OF LOCKING DEVICES**

1. Always keep your firearm pointed in a safe direction, including when you are installing or removing your locking device.
2. Always verify that your firearm is completely **unloaded** before installing your locking device.
3. Do **not** install locking devices in the trigger guard; always keep your fingers and locking device outside the trigger guard during device installation and removal.
4. Store firearms, ammunition and keys separately and securely, away from children and unauthorized adults; do **not** store your firearm with the keys in the locking device.
5. Do not attempt to work the action of your firearm with the locking device in place; this may damage your firearm.
6. While locking devices are an important aid to security measures, they are not a substitute for safe firearm handling and proper storage. Remember that any mechanical device can be bypassed with enough time, knowledge, determination and equipment.

**LOCKING DEVICES MUST BE USED SAFELY  
AND RESPONSIBLY**

**Use the Correct Lock:** The Heizer Defense Pistols are supplied with an appropriate lock.

**It is very important to use the correct locking device**

## To Install the Factory-Supplied Locking Device:

1. Keep the muzzle pointed in a safe direction and your fingers outside the trigger guard at all times!
2. Be sure the firearm is completely unloaded and contains no cartridges, cartridge cases, or a magazine.
3. Lock the slide back completely.
4. Engage the Manual Rear Safety, as shown in picture below.
5. Slide the cable through both sides of ejection ports.
6. Close the lock by pressing the shackle into the body of the lock (the part that receives the key) as tightly together as possible.
7. Once the lock is securely closed, remove the key and pull firmly on the lock to test the connection and be sure it is locked. **Do not leave or store your firearm with the key in the lock!**
8. Release the slide and store your locked, unloaded firearm and the key in secure, separate locations, away from ammunition, children or unauthorized adults.



**Correct Installation of Lock on  
Heizer Defense®PKO**

## **SAFETY RULES**



**READ THE INSTRUCTIONS AND  
WARNINGS IN THIS MANUAL  
CAREFULLY BEFORE USING THIS  
FIREARM**

### **WARNING - ALTERATIONS**



This product was designed to function properly in its original condition. Alterations can make it unsafe. Do not alter any part or add or substitute parts or accessories not made by Heizer Defense.

**DO NOT ALTER ANY GUN**

The following rules should be followed at all times. They must govern your actions wherever and whenever you are involved with firearms. Please take the time to review and understand these rules. If you do not understand something, please contact Heizer Defense.



## **1. Always Keep the Muzzle Pointed in a Safe Direction**

Never allow your firearm to be pointed at anything you do not intend to shoot. Treat every firearm as if it were loaded. Know where your muzzle is pointed at all times, even when your firearm is unloaded.

## **2. Do Not Rely on Your Firearm's Safety**


Treat every firearm as if it can fire at any time, regardless of whether there is intentional pressure on the trigger, and regardless of whether the safety is on or off. A safety is a mechanical device and can therefore fail. Human errors are a more likely reason for a firearm safety to fail. You may think the safety is on when in fact it may not be. The safety may have been disengaged without your knowledge. You may think your firearm is unloaded when there is actually a cartridge in it. A mechanical safety is never a substitute for common sense. It's only a supplement to your proper and safe handling of a firearm.

## **3. Be Sure of Your Target**

Before you pull the trigger you must be absolutely sure of your target and what is behind it. Make sure the shot has a solid backstop, such as a constructed barrier, bank of a hill, or dense material, like sand or dirt. You cannot stop a shot in mid-air, so never fire unless you know exactly where your bullet is going and what it will strike if you miss your target. Bullets can travel great distances with tremendous velocity.

## **4. Use Proper Ammunition**

Your Heizer Defense pistol is designed to use a particular caliber ammunition. The proper caliber is permanently engraved on the pistol. Never attempt to use ammunition of any other caliber. Using the wrong ammunition, mixing ammunition or using improperly reloaded ammunition can cause serious personal injury or death. It only takes one cartridge of the incorrect caliber or that has been improperly reloaded, to destroy your firearm or cause personal injury or death. Refer to this instruction manual to find out the specific requirements of your firearm. Always read and follow the instructions on ammunition boxes.

 **NOTE:** The Heizer Defense PKO pistols are designed to withstand the ammunition pressures generated by +P rounds as identified by SAAMI. Heizer Defense pistols are also proof-tested with +P rounds. Plus P ammunition generates pressures in excess of the pressures associated with standard ammunition. Such pressures may affect the wear characteristics and may result in the need for more frequent service.

You are responsible for using ammunition that meets SAAMI industry standards and is appropriate in type and caliber for this firearm. Heizer Defense recommends using only new commercially manufactured ammunition with internal ballistic pressures which are in strict accordance of SAAMI specifications. Specifications are outlined by the Sporting Arms and Ammunition Manufacturers' Institute (SAAMI): [www.saami.org](http://www.saami.org).

+P+ ammunition must NOT be used in Heizer Defense firearms. NEVER use ammunition with (+P+) markings. This marking indicates that it exceeds established industry standards. This ammunition may vary significantly as to the pressures generated and could be DANGEROUS.

Check all ammunition before you load it to make sure it matches your firearm's specifications. Every cartridge and shell is head-stamped with its caliber for easy identification. You will find the caliber of your pistol imprinted on the barrel.

**CAUTION:** Do not use cartridges that are dirty, wet, corroded, bent or damaged. Do not oil cartridges. Do not use any lubricants, preservatives, or cleaners directly onto cartridges or where excess spray may flow into contact with cartridges. Lubricants or other foreign matter on cartridges can cause potentially dangerous ammunition malfunctions. Be sure to wipe the chamber clean of any oil or preservative before shooting.

**WARNING!** Use of reloaded, remanufactured, hand-loaded, or other non-standard ammunition will void all warranties. Improperly loaded ammunition can be extremely dangerous and can cause damage to your firearm, personal injury and or death.

## **5. If Your Firearm Fails to Fire When the Trigger is Pulled Handle with Caution**

If for whatever reason the ammunition does not fire when you pull the trigger or something seems wrong with the ammunition, stop and follow the First Rule of Safe Gun Handling- keep the muzzle pointed in a safe direction. Use common sense. Keep your face away from the action, carefully open the action, unload the firearm, and carefully dispose of the cartridge. It is important to remember that anytime there is a cartridge in the chamber your firearm is loaded and ready to use. If you tried to shoot and your firearm did not fire, treat your firearm as if it could still discharge.



## **6. Always Wear Eye and Ear Protection When Shooting**

Wear shooting glasses to help guard and protect your eyes from powder residue, ruptured cartridge cases, and also branches and bushes in the field. Also wear eye protection when you are disassembling, cleaning or reassembling a firearm so that tensioned parts such as springs, cleaning solvents and oils do not come in contact with your eyes. Hearing protection is critical while shooting. Continued exposure to shooting noise can permanently damage your hearing. Learn to use ear protection at all times.

## **7. Be Sure the Barrel is Clear of Obstructions Before Shooting**

Barrel obstructions can destroy your firearm and cause severe injury and even death. Before loading your firearm open the action and make sure there is no ammunition in the chamber or magazine. Check the barrel for any obstructions or debris. Even a small amount of debris, mud, excess lubricant, or grease in the barrel can dangerously increase pressure and cause the barrel to explode when firing. Use a cleaning rod and patch to wipe away residue or obstructions in the barrel. Never try to shoot out an obstruction by loading another shell and firing. If the noise, report or recoil of your firearm seems weak, stop what you're doing, unload your firearm and be sure nothing is lodged in the barrel. Bullets that fail to fully exit the barrel are known as "squib" loads, which are extremely dangerous,

because they create a bore obstruction.

## **8. Do Not Alter or Modify Your Firearm and Have It Serviced Regularly**

An improperly altered, modified or poorly maintained firearm is a dangerous firearm. Your firearm has been designed to operate according to particular factory specifications. Never alter or modify your firearm in any way. You will jeopardize your safety and that of others around you by attempting to alter its trigger, mechanical safety or other mechanisms.

Like all mechanical devices a firearm is subject to wear. It should be maintained and periodically serviced to ensure optimum safety and performance. Only Heizer Defense or a qualified gunsmith should service, repair or modify your firearm. Contact Heizer Defense for instructions on how to send your firearm to the factory.

Proper cleaning and lubrication are also important to firearm maintenance and are necessary to ensure accuracy, safety and reliability. Before cleaning, always make sure that your firearm is completely unloaded. Always clean the barrel from the chamber end towards the muzzle end whenever possible. Periodically inspect the internal workings of your firearm to be sure they are clean and free of rust, unwanted dirt, and debris. It is especially important to clean your firearm after it has been exposed to conditions such as sand, rain, dirt, mud, snow, sleet, or saltwater.

Use only recommended lubricants on your firearm. NEVER over-lubricate. Excessive use of a non-recommended lubricant could adversely affect the function and safe operation of your firearm. You are responsible for the proper care and maintenance of your firearm. Failure to properly maintain your firearm can damage your firearm, and expose you and others to unnecessary risks of personal injury or death.

## **9. Learn the Mechanics and Handling Characteristics of Your Pistol.**

Not all pistols are alike. They have different mechanical characteristics that impact how you should carry and handle them. Anyone who plans to use a Heizer Defense pistol should first be familiarized with the pistol and the safe handling procedures for loading, unloading, carrying, shooting, and storing it. Before you ever load your Heizer Defense pistol, read this instruction manual and familiarize yourself with the different component parts of the firearm.



**WARNING!** Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead, a substance known to cause birth defects, reproductive harm, cancer, and other serious physical injury. Have adequate ventilation at all times. Wash your hands thoroughly after exposure to your firearm, ammunition or cleaning supplies.



**WARNING!** Never shoot while intoxicated or on drugs. To effectively follow the rules of safe gun handling, you must shoot sober. Firearms and alcohol/drugs are a deadly combination. Never consume anything that could impair your judgment or physical coordination when using a firearm.



**WARNING!** Failure to follow any of these safety rules may cause personal injury or death to the shooter or bystander and damage to property. Do not use a firearm until you fully understand and practice the rules of safe gun handling. If you have any questions about the safe use of a Heizer Defense firearm, please contact Heizer Defense.

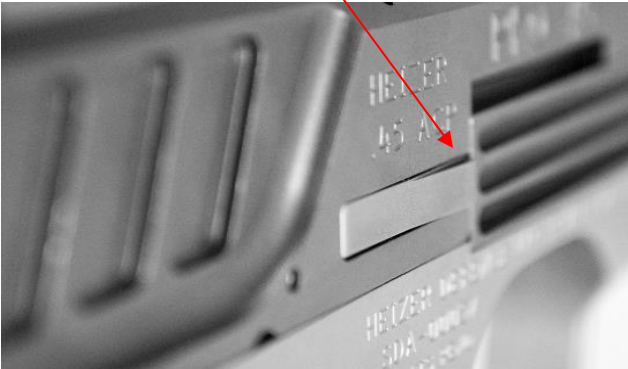
## MODEL FEATURES

The **HEIZER DEFENSE® PKO PISTOLS** are compact, single action, direct blowback pistols.

The following are features with which the Heizer Pistol users should be thoroughly familiar:

### **LOADED CHAMBER INDICATOR**

Your PKO firearm has a loaded chamber indicator. The indicator allows you to observe whether a cartridge is in the chamber. When a cartridge is in the chamber the indicator protrudes out. This is visible with red markings and is tactile.



When the loaded chamber indicator is out, the firearm is loaded and ready to fire.



**WARNING!** Even though the chamber is empty there may be cartridges in the magazine. The firearm is not completely unloaded until the magazine is removed and the chamber is empty.

## SAFETY FEATURES



**Manual Rear Safety – “Down”, “OFF” or “Fire” position**



**Manual Rear Safety – “UP”, “ON” or “Safe” position**

**NOTE: Manual Rear Safety cannot be engaged unless firearm is cocked by fully cycling the slide. Do this prior to loading.**



**Front Strap Grip Safety**



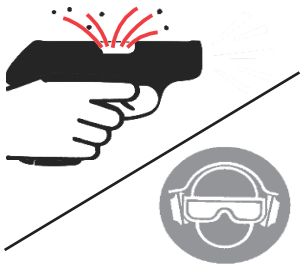
**Front Strap Grip Safety – must be depressed with proper grip in order to fire.**



**WARNING!** Safety devices can fail. Safety devices are not a substitute for safe firearm handling. Always follow the rules for safe firearm handling.



## AMMUNITION

<b>WARNING - AMMUNITION</b>	
 An illustration showing a hand holding a handgun. Red sparks are shown coming from the muzzle. A diagonal line runs across the image. Below the line is a circular icon containing a pair of safety glasses.	<p>Death, serious injury, and damage can result from the use of the wrong ammunition, bore obstructions, powder overloads, or incorrect cartridge components. Even the strongest gun can be “blown up” as a result of excess pressure. <u>Always</u> wear shooting glasses and hearing protection.</p>
<p><b>IMPROPER AMMUNITION DESTROYS GUNS</b></p>	

The **HEIZER DEFENSE**<sup>®</sup> PKO PISTOLS are chambered for different calibers. Do not attempt to load any cartridge not designated on the barrel into the chamber.

The **HEIZER DEFENSE**<sup>®</sup> PKO Pistols are compatible with ammunition manufactured in accordance with NATO, U.S., SAAMI, or CIP standards.



### **AMMUNITION (CARTRIDGES) NOTICE**

**WE SPECIFICALLY DISCLAIM RESPONSIBILITY FOR ANY DAMAGE OR INJURY WHATSOEVER OCCURRING IN CONNECTION WITH, OR AS A RESULT OF, THE USE IN HEIZER DEFENSE FIREARMS WITH FAULTY, NON-STANDARD, RE-MANUFACTURED or HAND-LOADED (RELOADED) AMMO.**

## TO LOAD AND FIRE

Practice this important aspect of safe gun handling with an unloaded pistol until you can perform each of the steps described below with skill and confidence.

Before you do anything with the pistol, first read this entire manual.

1. Cycle the slide fully; completely to the rear and then forward. Place the Manual Rear Safety in the up or “Safe” position.
2. Place the EMPTY magazine in the magazine well, located in bottom of firearm grip. Make sure the magazine is empty. Push firmly enough on bottom of magazine to make sure it is properly seated. A distinctive “click” will confirm the magazine has been properly inserted. Pull the slide completely to the rear until it locks back.
3. Depress magazine release and remove magazine.
4. Ensure that you are using the proper caliber ammunition for your firearm. Place rim of first cartridge on front of the magazine follower then push the cartridge down on the follower and slide the cartridge under the lips of the magazine completely to the rear. Load successive rounds by pushing cartridge down on previously loaded cartridge. (**SEE AMMUNITION & MAGAZINE SECTION**)
5. **POINT FIREARM IN A SAFE DIRECTION AND KEEP FINGER OFF TRIGGER.** Re-insert **LOADED** magazine into magazine well, located in bottom of firearm grip. Push firmly enough on bottom of magazine to make sure it is properly seated.




**WARNING!** Never touch the trigger when loading or unloading the firearm.

6. Depress the slide stop lever to allow slide to move forward and load a cartridge from the magazine into the chamber.
7. The loaded chamber indicator will be in the out position.
8. The firearm is now ready to fire.


**NOTE:** An alternative method to load the cartridge into the chamber is to forcefully pull the slide completely to the rear and in one motion quickly release it, allowing the slide to slam forward under its own force. (Do not hold the slide as it moves forward as this can cause the cartridge to jam or miss-feed.) The loaded chamber indicator will be in the out position. Remember to put Manual Rear Safety in “Safe” or “UP” position.

**Keep Pistol pointed in a safe direction.**

If the pistol is not to be used immediately, the pistol should be unloaded and kept secure with the lock supplied with this firearm.

 **THE FIREARM IS NOW READY TO FIRE. BE PREPARED FOR A LOUD BANG AND RECOIL WHEN FIREARM DISCHARGES.**

1. Grasp grip of firearm firmly. The proper grip will disengage the Front Strap Grip Safety located at the front of the grip.
2. Place the Manual Rear Safety in the “Fire” or down position.
3. Aim firearm at target by aligning sights. (See Sight Aligning).
4. Now lightly place finger on trigger and slowly squeeze trigger to fire the firearm. Spent cartridge is expelled out the right side of ejection port of slide.
5. This Firearm will automatically be ready to fire again after each shot until all cartridges loaded in the magazine have been fired.
6. When last cartridge has been fired slide will lock open and remain to rear.

 This is a semi-automatic pistol. It is loaded and ready to fire again after each shot until all cartridges loaded in the magazine have been fired. The firearm is able to fire both with and without the magazine in place.

**Warning!** REMOVING THE MAGAZINE DOES NOT UNLOAD THIS FIREARM NOR DOES IT ENGAGE A SAFETY. THIS FIREARM IS NOT UNLOADED UNTIL THE MAGAZINE IS REMOVED AND THE CHAMBER IS EMPTY.

**Break-In:** PKO pistols must run through a break-in period of 200 rounds.

## **UNLOADING / CLEARING**

The muzzle of the pistol must be pointing in a safe direction at all times and fingers should be outside of the trigger guard.

**If slide is already in “locked back” position:**

1. **Point firearm in safe direction while keeping your finger off the trigger.**
2. Press magazine release button to remove magazine.
3. From both sides of slide, carefully inspect chamber to make sure it is empty.

When the magazine has been removed and the chamber is empty, a firearm lock can be installed (See Locking Device Installation Section).

The firearm can now be safely stored in a secure place.

**WARNING!** The firearm is not empty or unloaded until the magazine is removed and the chamber is empty. To properly clear a firearm remove the magazine, then pull slide back and check the chamber.

The firearm is able to fire both with and without the magazine in place.

**If the slide is in the forward position:**

1. **Point firearm in safe direction while keeping your finger off the trigger.**
2. Press magazine release button to remove magazine.
3. While holding slide in rearward (open) position, carefully inspect chamber making sure it is empty. When magazine has been removed and when chamber is empty, a firearm lock can be installed (See Locking Device Installation Section).
4. Pistol can now be safely stored in a secure place.

**WARNING!** The firearm is not empty or unloaded until the magazine is removed and the chamber is empty. Never touch the trigger when loading or unloading the firearm.

## TO CLEAR MALFUNCTIONS (“JAMS”)

If a cartridge hangs up, jams or binds when being chambered from magazine, do not attempt to force it into the chamber by pushing or striking the slide.

**NOTE:** The PKO pistol requires A FIRM PROPER GRIP as well as a CLEAN and proper LUBRICATION to assure reliable function. There is also a recommended 200 round “break-in” period.



### What to do:

1. **Firmly hold firearm pointed in a safe direction while keeping your finger off of the trigger.**
2. Remove the magazine.
3. Pull back on the slide and allow cartridge to fall from firearm.
4. If cartridge does not fall free, pull back the slide and lock it with the slide stop.
5. Carefully dislodge cartridge.
6. If cartridge cannot be removed, lock the slide back, carefully store your firearm and magazines. Take it to a gunsmith. (USE SUPPLIED CABLE LOCK).

**NOTE:** A jammed cartridge can be a dangerous situation. If you have any questions concerning information in this manual call HEIZER DEFENSE at 888.965.0972.

## WARNING - MALFUNCTIONS



Any pistol may occasionally malfunction. If a cartridge hangs up, jams, or binds when being chambered, do not attempt to force it into the chamber by pushing or striking the barrel. Carefully remove it.

Most failures of a cartridge to feed or to chamber properly are caused by incorrect gun handling, insufficient lubrication, or improper ammunition.

Whatever the cause, the user of the pistol must above all, recognize that any cartridge jam can result in a potentially very dangerous situation of a cartridge discharging before it is properly chambered. If this happens, the cartridge case may rupture and its fragments may fly out of the ejection port of the pistol with sufficient force to cause serious injury.

**Always wear safety glasses!**



### HITTING PRIMER CAN BURST CARTRIDGE

## TO MINIMIZE MALFUNCTIONS (“JAMS”)

First try changing type/brand of ammunition and/or magazine.

If changing to another type/brand of ammunition and/or magazine does not at once result in smooth feeding of cartridges from magazine to chamber, the following steps should be taken:

1. Make certain chamber and magazine are unloaded. Magazine should be removed first. Check chamber to be sure it and magazine well are clear of cartridges.
2. Thoroughly clean magazine, paying particular attention to removing accumulated residue. (See MAGAZINE Section)
3. Thoroughly clean breech mechanism of firearm. Use a bristle brush and solvent to remove residue and fouling from breech face, extractor, chamber and feed ramp. (See CARE AND CLEANING section for detailed instruction).
4. Check that magazine spring tension is adequate; the spring should hold the follower tightly against the lips of the magazine.
5. Check that magazine lips are free of nicks and burrs and are not deformed.
6. Remove excess oil and solvent from all cleaned components, load magazine and try firearm again.

**WARNING!** An obstructed, cracked, damaged barrel or some other damaged part should never be used and the firearm should be returned to HEIZER DEFENSE for inspection.

## CARRY MODES

### Storage

Use this mode for storage, transporting, cleaning, repair or dry practice

1. Magazine empty
2. Chamber empty
3. Pistol cannot be fired

### Ready #1

Use this mode for carrying the pistol “Ready” for use.

1. Insert loaded magazine
2. Chamber empty with safety in the “Fire”/ Down position.
3. Pistol cannot be fired until slide has been fully cycled to chamber round.

### Ready #2

Use this mode for carrying the pistol “Ready” for use.

1. Fully cycle slide and place safety in the “Safe” / Up position.
2. Insert loaded magazine, chamber empty
3. Pistol cannot be fired until slide has been fully cycled to chamber round and rear manual safety is disengaged.

### Immediate

Use this mode when pistol is needed “Immediately”.

1. Insert loaded magazine and cycle slide to chamber round.
2. Chamber loaded
3. Safety in the “Safe” / Up position

**Do Not carry with chamber loaded and manual rear safety disengaged in “fire” or down position.**

 **The firearm is able to fire both with and without the magazine in place.**

## FIELDSTRIP

<b>WARNING - DISASSEMBLY</b>	
	Always unload a firearm before cleaning, lubrication, disassembly or assembly.
	<b>UNLOAD BEFORE DISASSEMBLY</b>

Be sure pistol is unloaded!

An online video demonstrating the disassembly and reassembly of the PKO Pistols can be viewed by going to [www.heizerdefense.com](http://www.heizerdefense.com) and clicking on the “Video” section.

**NOTE:** FIELD STRIPPING PROCEDURES ON THE PKO PISTOLS ARE THE SAME REGARDLESS OF CALIBER.

Before performing any cleaning or maintenance, make sure the firearm is completely unloaded (this includes the magazine and chamber). Wear eye protection.

ALWAYS REMEMBER THE FIREARM IS ABLE TO FIRE WITH OR WITHOUT THE MAGAZINE IN PLACE.

1. **Point firearm in safe direction while keeping finger off the trigger.**
2. Remove magazine and unload the firearm.
3. Draw back the slide to the rear stop position and lock it open by pushing up the slide lock button.





**NOTE:** If step 3 is difficult, use this alternative method of locking slide to the most rearward position: Place an EMPTY magazine in the magazine well, pull slide completely to the rear until it locks back. Make sure the magazine is EMPTY or you will inadvertently load the firearm.

4. Then remove magazine and proceed.
5. Visually inspect the chamber to confirm the firearm is unloaded.
6. Release slide to the forward position.

<b>WARNING - DISASSEMBLY</b>	
	<p>Always unload a firearm before cleaning, lubrication, disassembly or assembly.</p>
	<p><b>UNLOAD BEFORE DISASSEMBLY</b></p>

7. While keeping a finger over the guide rod, rotate the “Take Down Pin” to upright 12 o’clock position and pull straight out.  
**NOTE: The guide rod is under spring tension so finger is needed to cover to prevent launching.**
8. Remove guide rod and spring (See Picture Below)



9. Grasp rear of slide and pull straight back to remove.



10. The pistol is now completely field stripped.



**WARNING!** Further dismantling is not necessary and should only be done by HEIZER DEFENSE or a qualified gun smith.

### **TO REASSEMBLE**

NOTE: REASSEMBLY PROCEDURES ON THE PKO FAMILY OF PISTOLS ARE THE SAME REGARDLESS OF CALIBER.

1. Make sure Hammer is in the “cocked” or back position.
2. Place Slide onto rails from rear, be sure to line up both front and rear rails prior to pushing forward. (See Picture Below)



3. Some force is needed when pushing slide forward as you need to overcome the hammer pressure.

4. Place guide rod and spring



It is recommended that the recoil spring is replaced after 5000 rounds. Shooting high pressure rounds may shorten the life of the spring, therefore we recommend changing it earlier. Please visit our website to see about pistol overhaul.

5. While applying pressure, press guide rod into front of slide. Hold with finger until flush with front of slide.
6. Replace take-down pin back into slide at the upright 12 o'clock position. Make sure it is fully seated and turn to locked original position





## MAGAZINE DISASSEMBLY



**ALWAYS WEAR PROTECTIVE SAFETY GLASSES WHEN DISASSEMBLING OR REASSEMBLING ANY MAGAZINE.**

Disassembling and cleaning magazines every 3-4 months is normally sufficient, unless the magazines have been exposed to dirt or other adverse conditions or inspection indicates a need for cleaning.

Note: Disassembly is the same whether it is the flush or extended magazine.



5 Round Flush Magazine



7 Round Extended Magazine

**NOTE:** Make note of the magazine spring orientation with the follower for reassembly.

Disassembly of the magazine is accomplished by depressing the magazine

floor plate and sliding the base plate forward.



**WARNING!** The magazine spring, follower, and inner floor plate are under spring tension, and may cause eye injury if not controlled during removal. Wear protective safety glasses to reduce the risk of eye injuries. Be sure to maintain downward pressure on the magazine spring with your thumb while disassembling.



**Insert Follower**

**Make note of the magazine spring orientation with the follower for reassembly.**



**Insert spring and floor plate**



**Slide on Base Plate**

## SIGHT ALIGNMENT and FIBER OPTIC SIGHT INSTALLATION



**Proper Sight Picture**



**WARNING!** Make sure the firearm is completely unloaded, the magazine removed and the chamber clear.

### **INSTALLATION**

1. With a suitable heat source; i.e., Butane lighter, carefully begin to melt one end of the filament by positioning it close to the flame until a bulb forms the same size as the pocket of the sight.

**DO NOT LET THE FILAMENT TOUCH THE FLAME AS THIS WILL CLOUD THE BULB**

2. Insert the filament into the sight from face of the sight and pull the filament through the sight until the bulb rests in the pocket.
3. If the bulb is larger than the pocket, cut off the bulb and repeat the melting process until the bulb fits properly.
4. Now cut the filament with a razor blade or fingernail clippers approximately 1/16 of an inch longer than the sight. Using the same melting process, form a bulb on the muzzle end of the sight locking the fiber optic filament in place.



## POINTS OF LUBRICATION

1. Field strip the pistol.
2. Using any quality firearm lubricant, place one drop of lubricant on each side of the front and rear slide railways.
3. Place one drop of lubricant on top of chamber area of the barrel and lightly oil top of hammer.
4. Reassemble slide to frame.
5. Manipulate slide back and forth a number of times.
6. Lock slide to the rear.
7. Manipulate slide back and forth 5 – 10 times.



## CARE AND CLEANING

### **Make sure the gun is unloaded!**

At regular intervals, or whenever the pistol has been exposed to sand, dust, extreme humidity, condensation, immersion in water, or other adverse conditions, disassemble, clean, and oil it. Proper periodic maintenance is essential to the reliable functioning of any firearm.

An online video demonstrating the proper cleaning procedure of the PKO Pistols can be viewed by going to the “Products” section, “Videos”, and then Heizer Defense PKO PISTOLS at [www.heizerdefense.com](http://www.heizerdefense.com).

### **To clean the pistol:**

1. Disassemble (fieldstrip) the pistol.
2. Using a cleaning rod, run a properly sized solvent-wetted patch through the bore several times. Then attach a solvent-wetted bristle brush to a cleaning rod and run it back and forth the full length of the bore as many times as necessary to remove grease and dirt from the bore and chamber. Clean bore with dry patches and examine. Bore fouling can contribute to reduced accuracy. Grease accumulation in the chamber can interfere with proper feeding of cartridges from the magazine.
3. Using powder solvent on a clean patch or bristle brush, remove powder residue from all components of the pistol. After cleaning, run a dry patch through the bore, and then follow with a patch that is lightly oiled. Wipe all surfaces clean with cloth, and then wipe all surfaces with a patch or cloth that has been very lightly oiled.
4. **NOTE:** Only a light application of oil is needed to provide adequate lubrication of moving parts and to prevent rust. Excess accumulations of oil tend to attract particles of dust and dirt and may congeal in cold weather. This can interfere with the safe and reliable function of the pistol.
5. Before firing, remove all oil and grease from the bore.

### **WARNING - LUBRICATION**



Firing a pistol with oil, grease, or any other material even partially obstructing the bore may result in damage to the pistol and serious injury to the shooter and those nearby. Do not spray or apply lubricants directly on ammunition. If the powder of a cartridge is affected by the lubricant, it may not be ignited, but the primer firing may push the bullet into the bore where it may be lodged. **Firing a subsequent bullet into the obstructed bore may damage the pistol and cause serious injury or death to the shooter and those nearby.** Use lubricants properly. You are responsible for the proper care and maintenance of your firearms.

**IMPROPER LUBRICATION  
DESTROYS GUNS**

## STORAGE

**GUNS SHOULD NOT BE STORED LOADED!**

**USE THE LOCKING DEVICE SUPPLIED WITH THE PISTOL TO  
RENDER IT INOPERATIVE FOR SAFE STORAGE.**

**Do not** keep the pistol stored in a leather holster or case. Leather attracts moisture, even though the holster or case may appear to be perfectly dry.

**Locking devices are only one aspect of responsible firearms storage.**

**For increased safety, firearms should be stored unloaded in a location that is both separate from their ammunition and inaccessible to children and any other unauthorized person.**

## SERVICE AND PARTS POLICY

If you have any questions with regard to the performance of your **HEIZER DEFENSE® PKO PISTOLS** please email us at [sales@heizerdefense.com](mailto:sales@heizerdefense.com) or call Customer Service at (888) 965-0972. If you should return your pistol to the factory for repair or order parts for it, please comply with the following for prompt service.



**WARNING—BEFORE SHIPPING ANY FIREARM,  
VERIFY THAT IT IS UNLOADED.**

**DO NOT SHIP CARTRIDGES WITH A FIREARM.**

## SHIPPING FIREARMS FOR REPAIR:

**HEIZER DEFENSE®** pistols returned to the factory for service or repair should be sent to:

Heizer Defense LLC  
Customer Service Department  
8750 Pevely Industrial Drive  
Pevely, Missouri 63070  
Telephone (888) 965-0972

**Guns should be sent prepaid. We will not accept collect shipments.**

The Federal Gun Control Act, as well as the laws of most states and localities, do not prohibit an individual (who is not otherwise barred from purchasing or possessing a firearm) from shipping a firearm directly to the manufacturer for repair. However, before you ship your pistol to us, be certain that your state or locality does not have a law or regulation which will prohibit you from receiving the pistol from us after it has been repaired. If such receiving is prohibited, then please have a Federally Licensed Firearms Dealer ship the gun to us. If your pistol is sent to us by a dealer, it will be returned to that dealer after being repaired. If a handgun (pistol or revolver) is shipped by an individual who does not hold a Federal Firearms License, it must be shipped for overnight delivery via U.P.S., Federal Express, or other similar private overnight service.

**NOTE:** Handguns may not be shipped via U.S. Mail. Persons who do not hold a Federal Firearms License are prohibited by Federal law from shipping a handgun by Mail. Handguns mailed in violation of the law are impounded by the Post Office.

Please do not include holsters, custom grip panels, or accessories with a firearm being shipped to the factory for service.

**DO NOT SEND GUN BOXES OR LITERATURE THAT YOU CONSIDER TO BE COLLECTOR'S ITEMS – THESE MAY BE DAMAGED OR DESTROYED IN SHIPMENT.**

**Always insure your shipment. Heizer Defense is not responsible for loss or damages during shipping.**

Enclose a letter which includes your name, address, telephone number, serial number, and model of the firearm. Describe in detail the trouble you have experienced with your firearm, or the work you wish to have done. Merely stating that the firearm "needs repair" is inadequate information. Please enclose copies of any previous correspondence.

All work performed is subject to a minimum labor charge and shipping/handling. Please contact the Customer Service Department for all other pricing information. Note that non-standard alterations are NOT AVAILABLE from Heizer Defense Customer Service.

## WARNING – PARTS PURCHASERS



- It is the purchaser's responsibility to be absolutely certain that any parts ordered from the factory are correctly fitted and installed.
- Firearms are complicated mechanisms and **IMPROPER FITTING OF PARTS MAY RESULT IN A DANGEROUS MALFUNCTION, DAMAGE TO THE FIREARM OR SERIOUS INJURY TO THE SHOOTER AND OTHER PERSONS.**
- The purchaser and installer of parts must accept full responsibility for the correct adjustment and functioning of the firearm after such installation.

**PARTS MUST FIT CORRECTLY**



It is recommended that the recoil spring is replaced after 5000 rounds. Shooting high pressure rounds may shorten the life of the spring, therefore we recommend changing it earlier. Please visit our website to see about pistol overhaul.

### ORDERING PARTS and ACCESSORIES

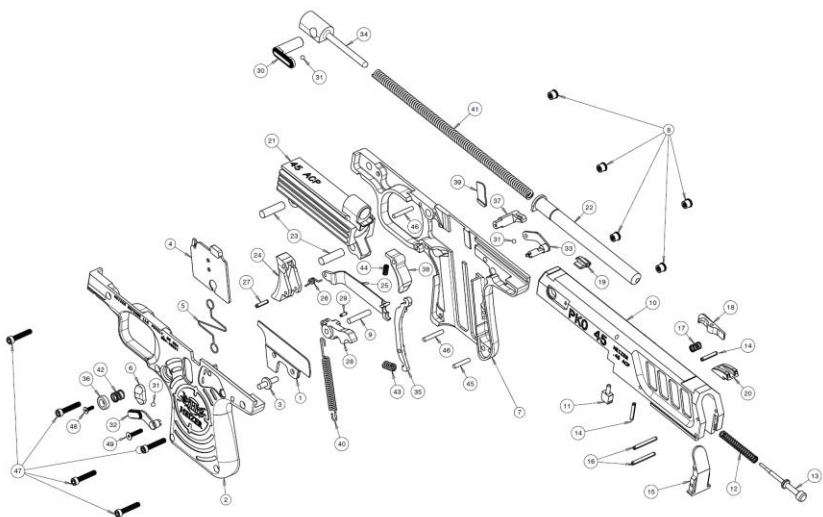
Please visit our website or contact our Customer Service Department for current prices. See the contact information in this manual.

Because it is a serial numbered component, the **HEIZER DEFENSE® PKO PISTOL** frame is defined as a “firearm” by Federal law and is not sold as a separate component.



**CAUTION!** A gun containing modified, broken, malfunctioning, or badly worn parts should not be fire

## PARTS BLOW UP DIAGRAM



Recapitulation of: FAF-000257-01-FINAL ASSEMBLY

Different parts: 49

Total parts: 63

No	Qty	Part Number	Definition
1	1	MPF-000212	EJECTOR
2	1	MPF-000200	FRAME LH
3	1	MPF-000227	PIN, EJECTOR
4	1	MPF-000216	SLIDE LOCK
5	1	MPF-000223	SPRING, SLIDE LOCK
6	1	MPF-000217	BUTTON, SLIDE LOCK
7	1	MPF-000201	FRAME RH
8	5	SPF-000247	#4-40 Allen Nut
9	1	SPF-000240	PIN, HAMMER
10	1	MPF-000203	SLIDE
11	1	MPF-000228	PIN, SLIDE LOCK
12	1	SPF-000234	SPRING, FIRING PIN
13	1	MPF-000207	FIRING PIN
14	2	SPF-000245	PIN, FIRING PIN-EXTRACTOR
15	1	MPF-000204	SLIDE DOOR
16	2	SPF-000239	PIN, SLIDE DOOR
17	1	SPF-000233	SPRING, EXTRACTOR
18	1	MPF-000213	EXTRACTOR
19	1	MPF-000229	FRONT SITE
20	1	MPF-000230	REAR SITE
21	1	MPF-000202	45 ACP BARREL
22	1	MPF-000206	RECOIL INSERT
23	2	SPF-000238	PIN, BARREL

24	1	MPF-000208	TRIGGER
25	1	MPF-000209	TRIGGER BAR
26	1	MPF-000225	SPRING, TRIGGER BAR
27	1	SPF-000242	PIN, TRIGGER BAR
28	1	MPF-000211	HAMMER
29	1	SPF-000241	PIN, HMR SPNG UPR
30	1	MPF-000226	PIN, TAKE DOWN
31	3	SPF-000250	DETENT BALL
32	1	MPF-000218	LH SAFETY
33	1	MPF-000219	RH SAFETY
34	1	MPF-000205	RECOIL GUIDE ROD
35	1	MPF-000210	SEAR
36	1	MPF-000214	MAGAZINE RELEASE BUTTON
37	1	MPF-000215	MAGAZINE CATCH
38	1	MPF-000220	GRIP SAFETY
39	1	MPF-000221	DISSCONNECT
40	1	MPF-000222	SPRING, HAMMER
41	1	MPF-000224	SPRING, RECOIL
42	1	SPF-000235	SPRING, MAGAZINE RELEASE
43	1	SPF-000236	SPRING, SEAR
44	1	SPF-000237	SPRING, FOREGRIP SAFETY
45	1	SPF-000243	PIN, ALIGN HMR LWR
46	2	SPF-000244	PIN, TRIGGER & SEAR
47	5	SPF-000246	#4-40 x 0.625 SHCS
48	1	SPF-000248	#1-64 x 0.250 FHCS
49	1	SPF-000249	#2-56 X .4375 FHCS

## **THE BASIC RULES OF HANDLING FIREARMS SAFELY**

We believe that Americans have a right to purchase and use firearms for lawful purposes. Private ownership of firearms in America is a tradition that also imposes responsibility on the gun owner to use firearms in a way which ensures one's own safety and that of others. When firearms are used in a safe and responsible manner, they are a great source of pleasure and satisfaction. They also represent a fundamental part of our personal liberty and American heritage.

Firearms alone do not cause accidents! Firearms accidents are almost always found to have been the result of carelessness or ignorance, on the part of the shooter, of the basic rules of safe gun handling.

The following rules must be observed by gun users at all times. Safe gun handling is not just desirable, it is absolutely essential to your safety, the safety of others, and the continuation of gun ownership and sport shooting as we know it today.

### **1. LEARN THE MECHANICAL AND HANDLING CHARACTERISTICS OF THE FIREARM YOU ARE USING.**

Not all firearms are the same. The method of carrying and handling firearms varies in accordance with the mechanical provisions for avoiding accidental discharge and the various proper procedures for loading and unloading. No person should handle any firearm without first having thoroughly familiarized themselves with the particular type of firearms they are using, and with safe gun handling in general.

### **2. ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.**



Be sure the bullet stop behind your target, even when dry-firing. Never let the muzzle of a firearm point at any part of your body or at another person. This is particularly important when loading or unloading a firearm. In the event of an accidental discharge, no injury can occur as long as the muzzle is pointing in a safe direction. A safe direction means a direction that will not permit a discharged bullet to strike a person, or to strike an object from which the bullet may ricochet.

A safe direction must take into account the fact that a bullet may penetrate a wall, ceiling, floor, window, etc., and strike a person or damage property. Make it a habit to know exactly where the muzzle of your gun is pointing whenever you handle it. Be sure that you are always in control of the direction in which the muzzle is pointing, even if you fall or stumble. Keep your finger off the trigger until you are ready to shoot.

### 3. FIREARMS SHOULD BE UNLOADED WHEN NOT IN USE.

Firearms should be loaded only when you are in the field or on the target range or shooting area, ready to shoot. When not in use firearms and ammunition should be securely locked in safes, racks or cabinets, or by using the locking device supplied with the firearm. Ammunition should be safely stored separate from firearms. Store your firearms out of sight of visitors and children. It is the gun owner's responsibility to be certain that children and persons unfamiliar with firearms cannot gain access to firearms, ammunition, or components.

### 4. BE SURE THE BARREL IS CLEAR OF OBSTRUCTIONS BEFORE SHOOTING.

Even a bit of mud, snow or excess lubricating oil or grease in the bore may cause the barrel to bulge, or even burst on firing, and can cause injury to the shooter and bystanders. Be sure that you are using ammunition of the proper caliber and loading for the gun you are using. If the report or recoil on firing seems weak, or doesn't seem quite right, **CEASE FIRING IMMEDIATELY.** Unload your firearm, and check to be sure that no obstruction has become lodged in the barrel. Never try to shoot an obstruction out!







## **5. BE SURE OF YOUR TARGET BEFORE YOU SHOOT**

Don't shoot unless you know exactly where your bullet is going to strike. Be sure of the bullet stop behind your target, even when dry-firing with an unloaded gun. If you are in the field hunting, do not fire at a movement or noise. Take the time to be absolutely certain of your target before you pull the trigger.

## **6. WEAR SAFETY GLASSES AND HEARING PROTECTION WHEN YOU SHOOT**

All shooters should wear protective shooting glasses and adequate hearing protection when shooting. Exposure to shooting noise can damage hearing and adequate eye protection when shooting is essential.



## **7. NEVER CLIMB A TREE OR FENCE WITH A LOADED FIREARM**

Put the firearm down carefully before climbing a fence, and unload it before climbing or descending a tree or jumping over a ditch or other obstruction. Never pull or push a loaded firearm toward yourself or another person. When in doubt, or whenever you are about to do anything awkward, unload your gun!

## 8. DON'T SHOOT AT A HARD SURFACE OR AT WATER

Bullets can glance off many surfaces like rocks or the surface of water and travel in unpredictable directions with considerable velocity.



## 9. NEVER TRANSPORT A LOADED FIREARM

Firearms should always be unloaded before being moved or placed in a vehicle. A suitable carrying case or scabbard should be used to carry an unloaded firearm to and from the shooting area.

## 10. DONOTDRINK ALCOHOLIC BEVERAGES WHEN SHOOTING

Handling firearms while under the influence of alcohol in any form, or medications that could affect your judgment or coordination, constitutes a criminal disregard for the safety of others.



**HEIZER  
DEFENSE, LLC  
Liability  
Disclaimer:**

The use of any firearm presents many dangers. Following the directions in this manual will help you use and enjoy your firearm safely. On the other hand, failure to follow the instructions and warnings described in this manual can result in serious injury or death, as well as severe damage to the firearm or other property.

Heizer Defense, LLC shall not be responsible for damage to the firearm, physical injury to you or others, or property damage resulting in whole or in part from any of the following: criminal or negligent discharge of the firearm; improper or careless handling; unauthorized modifications or alterations; use of improper hand loaded or reloaded ammunition; use of remanufactured ammunition; the failure to properly maintain your firearm; or other influences that are beyond our control.

The above limitation applies regardless of whether liability is asserted on the basis of contract, negligence, or strict liability. Under no circumstance shall Heizer Defense, LLC be liable for incidental or consequential damages, such as loss of use of property, commercial loss, and loss of earnings or profits. A copy of the Owner's Manual is available upon request from:

**HEIZER DEFENSE, LLC  
8750 Pevely Industrial Drive  
Pevely, Missouri 63070 USA**

**Download copy:**

**[www.HeizerDefense.com](http://www.HeizerDefense.com)**

## **A BRIEF ACCOUNT OF OUR EXTRAORDINARY ACHIEVEMENT: HEIZER DEFENSE FIREARMS**

Heizer Defense, in a relatively short time, has established itself as a leading small arms design organization. Developing a unique line of quality firearms to become one of the world's most unique producers of pistols.

From the beginning, Heizer Defense has always focused on quality of engineering with safety as an emphasis.

The Company will always market it's firearms for constructive purposes and emphasize responsible and safe handling of firearms.

Heizer Defense is proud of our achievements and extends our heartfelt thanks to its loyal employees and customers.

The firearms catalog, and instruction manuals for all Heizer Defense firearms, can be downloaded from our website at:

**[www.HeizerDefense.com](http://www.HeizerDefense.com)**

## LIMITED 2-YEAR WARRANTY

A limited 2-year warranty is provided by Heizer Defense. This warranty is effective from the date of the original purchase and applies to the original owner of the firearm. This warranty does not extend to subsequent owners of the firearm. This warranty supersedes any and all other warranties.

Under this limited 2-year warranty, Heizer Defense warrants to the original purchaser that the firearm is free from defects in material and workmanship. Any such defects of which Heizer Defense receives written notice within two years from the date of purchase, by the original owner, will be repaired by Heizer Defense without charge. This must be within a reasonable time after such notification and delivery of the firearm as provided below.

Heizer Defense expressly excludes and will not pay incidental or consequential damages under this limited warranty. This means that we will not compensate for loss, expense or damages other than to repair the defects in the firearm or replace the firearm. No implied warranties extend beyond the terms of this express written warranty. We will NOT cover damage of your firearm caused by:

- Accidents, abuse, or misuse
- Failure to provide proper care and maintenance
- Hand loaded, reloaded, remanufactured, or improper ammunition
- Unauthorized adjustments, repairs or modifications
- Normal wear and tear
- Failure to follow instructions and warnings in this manual

Warranty claims and the firearm concerned should be delivered to:

Heizer Defense, LLC  
Customer Service Department  
8750 Pevely Industrial Drive  
Pevely, MO 63070.

In addition, a copy of the bill of sale in the owner's name, or a copy of ATF Form 4473 indicating date of purchase and serial number of the pistol must be included. It is important that the owner comply with all applicable federal, state and local laws and regulations in the shipment of firearms to Heizer Defense, LLC.

**HEIZER DEFENSE, LLC**  
**8750 Pevely Industrial Drive**  
**Pevely, Missouri 63070 USA**  
**[www.HeizerDefense.com](http://www.HeizerDefense.com)**

A COPY OF THE INSTRUCTION MANUAL, FOR ANY HEIZER DEFENSE  
FIREARM, IS AVAILABLE FROM THE FACTORY FREE ON REQUEST. IT  
MAY BE DOWNLOADED FROM OUR WEBSITE AT

[WWW.HEIZER DEFENSE.COM](http://WWW.HEIZER DEFENSE.COM).

THESE INSTRUCTION MANUALS CONTAIN  
IMPORTANT WARNINGS WHICH MUST BE  
UNDERSTOOD BEFORE USING THESE  
FIREARMS.

**The Following are Registered U.S. Trademarks Belonging to Heizer Defense LLC:**  
HEIZER DEFENSE



