



1911 Pistol Manual

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It is important that you read and understand this manual prior to loading and using this firearm. Failure to read this manual and to follow the instructions may result in serious injury or death to you or to others.

Follow all safety precautions and instructions, including all universal safety rules for firearms. Be sure you understand all instructions and hazards associated with firearms before using this firearm.

Universal rules for safe Gun Handling:

1. Treat every firearm as if it were loaded.
2. Always keep the firearm pointed in a safe direction.
2. Do not load the weapon until ready to use.
3. Keep your finger off the trigger until ready to shoot.

If this firearm is carelessly or improperly handled, unintentional discharge may result and could cause injury, death, or damage to property.

Use only high quality, commercial ammunition that has been kept clean and dry, and is in good condition. We do not recommend the use of remanufactured or hand-loaded ammunition due to risk of improper loading which can damage the rifle and injure you or others. Use of improper ammunition will void your warranty.

You, the owner, are the most important safety device when it comes to the use of your firearm. Under no circumstances will Palmetto State Armory be responsible for any injury, death or property damage that results from:

A disregard of the safety guidelines and warnings;

The criminal or negligent use of the firearm;

Improper or careless handling of the firearm;

Improper or negligent modifications or repairs to the firearm;

The use of non-standard, defective, improper, or reloaded ammunition.

If you do not understand any part of this manual or you are unsure about the operation of your firearm, please contact PALMETTO STATE ARMORY before proceeding.

Palmetto State Armory, 2121 Old Dunbar Rd. West Columbia, SC 29172

This manual must accompany this firearm and be transferred with it upon change of ownership or when presented to another person.

WARNING:

To avoid accidental firing, BE SURE WEAPON IS unloaded and clear when not being actively used. Failure to do so could result in serious injury or death.

Verify the barrel is clear of obstructions before loading and firing. Completely unload the firearm and check the barrel for any obstructions or debris. Never let water, snow, mud or other materials enter the barrel. Excess lubricants or grease can dangerously increase pressure and may cause barrel to burst when firing. If barrel is obstructed, remove ammunition and clean barrel immediately.

Every firearm is designed to use a certain gauge or caliber of ammunition. Never use the wrong ammunition, or non-standard, or "handloaded" ammunition which has not been subjected to internal ballistic pressure testing. Always read and follow the instructions on the ammunition box.

Be sure of your target and the surrounding area. Never fire unless you know exactly where your shot is going, and what it will strike. Make sure the shot has a safe back stop, such as a hillside or sand. Bullets can ricochet on surfaces such as water. Do not fire into the sky.

Safely store and secure your firearm and ammunition separately. Store your firearm and ammunition so that they are not accessible to children or unauthorized persons. Evaluate your personal situation to be sure children and unauthorized persons cannot access your firearm.

You are responsible for your firearm at all times. You must protect yourself and others against injury or death from misuse of a firearm.

Always wear appropriate eye and ear protection while shooting and cleaning a firearm. Be sure others in the vicinity have protection as well.

Never use drugs or alcohol before or during use of firearm. Never use your firearm if you are taking any medication which impairs, even slightly, your mental or physical ability.

Obey all laws regarding the storage, security, transportation, and carrying of firearms. You must be familiar with all local, state, and federal laws regarding the safe use, storage and/or transportation of your firearm. Your local police department can answer any questions you may have regarding the legal use, storing and/or transporting of your firearm.

Discharging firearms in poorly ventilated areas, cleaning the firearm, and the handling of ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm, cancer, and other physical injury. Wash hands thoroughly after exposure. Read the warnings and labels on all ammunition and cleaning products carefully.

If your firearm fails to fire when the trigger is pulled, handle with care. Keep the firearm pointed in a safe direction for at least 10 seconds. Keeping your face away from the breach, unload your firearm and dispose of the ammunition safely.

Never alter or modify your firearm. Never disassemble your firearm beyond what is outlined in this manual. Improper manipulation of any internal components and/or improper disassembly or reassembly may be dangerous, and may lead to serious injury or death. Do not try to change your firearm's trigger pull, alterations might cause accidental firing. Only Palmetto State Armory or a qualified gunsmith should service, repair, or modify your firearm in any way.

Be sure all accessories are compatible with your firearm. Accessories must not interfere with the safe operation of your firearm.

Never allow your firearm to be used by an individual who does not understand its safe operation or has not read these firearm safety guidelines. The safe use of your firearm is your personal responsibility. You, the owner, are the most important safety device when it comes to the use of your Firearm.

INTRODUCTION

The 1911 Pistol is an Iconic weapon in American History. Designed by John Moses Brown, it entered service in the American Armed Forces over one hundred years ago as a standard sidearm. The design's elegance, reliability, and stopping power has earned the design much respect. Palmetto State Armory is honored and proud to introduce our version of the classic 1911 Pistol.

DESCRIPTION

The Palmetto State Armory 1911 .45 caliber automatic pistol, is a recoil-operated, magazine-fed, self-loading hand weapon. It contains an inertia-type firing pin that makes it impossible for the firing pin to discharge or touch the primer, except on receiving the impact of the hammer. The action of the recoil spring forces the slide forward, feeding a live cartridge from the magazine into the chamber. The weapon is then ready to fire again.

The pistol is designed to fire .45 caliber cartridge ball ammunition and the magazine holds seven cartridges. The upper cartridge is stripped from the magazine and forced into the chamber by the forward motion of the slide. The pistol will fire once at each squeeze of the trigger and when the last cartridge, in the magazine, has been fired the slide remains open. The rate of fire is limited only by the ability of the operator to insert the magazine and to squeeze the trigger.

STORAGE & SAFEKEEPING

Owning a firearm is a serious responsibility. Please record the Serial and Model number below, and keep this manual with the transfer of the pistol. The serial number will be located on the right side of the frame, just forward and above the slide stop pin.

MODEL: _____

SERIAL: _____

Please all firearms unloaded and locked up, when not in use, in an approved Firearms storage container.

COMPONENTS and CONTROLS



- A: Front Sight
- B: Rear Sight
- C: Hammer
- D: Safety Lever
- E: Grip Safety
- F: Magazine Release Button
- G: Trigger
- H: Slide Stop Lever
- I: Slide Stop Notch
- J: Notch for removing Slide Stop Lever
- K: Safety Lever Notch



- L: Ejection Port and Barrel
- M: Slide
- N: Barrel Bushing
- O: Frame
- P: Slide Stop Pin

UNLOADING and INSPECTION

Always check for yourself to ensure that the pistol is unloaded before performing any inspection or maintenance. To do this, grasp the pistol, with your finger OFF the trigger and outside the trigger guard. Point the muzzle in a safe direction, depress the magazine release button on the left side of the grip, and remove the magazine.

CAUTION – THE PISTOL CAN FIRE WITH THE MAGAZINE REMOVED.

Depress the safety lever into the fully down “fire” position. **Note: The fully up position is the “safe” position. However, no mechanical safety is a substitute for safe gun handling, and the operator is responsible for the safe operation of the firearm at all times**

With the muzzle still pointing in a safe direction, and your finger still OFF the trigger and outside of the trigger guard, grasp the serrated sides of the slide from the rear with the thumb and fingers, and briskly draw the slide fully rearward in order to extract any cartridge from the barrel chamber and clear it from the pistol. Do not obstruct the ejection port because doing so can interfere with ejection of a cartridge and thereby creates the risk of exploding an un-chambered cartridge and causing possible injury or death.



Lock the slide in the open position by allowing the slide to move slightly forward from the rearmost position while pressing the slide stop upward so that it engages the most forward of notches on the left hand of the slide; the slide stop notch.



You must verify the barrel chamber and bore are free of any live rounds or obstructions. You must follow this procedure every time your firearm is inspected, cleaned, handed to another person, transported or stored. Unload the magazine by holding it with the bullet end of the cartridge pointing away from you and pressing each cartridge forward and out of the magazine. Secure all live rounds.



DISSASSEMBLY

1. With the pistol unloaded, the magazine removed and the hammer down, depress the recoil spring plug, and turn the barrel bushing clockwise, towards the right side of the pistol until the recoil spring cap and recoil spring are free.
Be careful, the recoil spring and Cap are under tension and can fly out with substantial force.



2. Carefully remove the recoil spring and cap.

3. Cock the hammer and push the slide rearward until the semi-circular takedown notch on the left side of the slide aligns with the tab on the top of the slide stop.



4. Push inward on the end of the slide stop shaft on the right side of the pistol and remove the slide stop from the left side.



5. Slide the slide assembly forward off the frame.



6. Remove the recoil spring through the opening at the front of the slide.

7. Turn the barrel bushing counter-clockwise until the lug aligns with the opening and remove the bushing from the front of the slide.

8. Tip the barrel link forward to clear the recoil spring tunnel. Then pull the barrel forward clear of the slide.



CARE and Cleaning

Always check to make sure the weapon is unloaded before attempting any inspection or cleaning. Always keep the handgun pointed in a safe direction. Keep your finger off the trigger and out of the trigger guard.

Grasp the serrated sides of the slide, and briskly pull the slide fully rearward to eject any unfired round. Do not obstruct the ejection port. Lock the slide back by applying upward pressure on the slide stop and visually check to make sure the chamber is empty.

With the Weapon cleared of live ammo, no disassembly is needed to clean and lubricate the pistol under normal conditions.

To preserve the condition of the firearm, and for protection during storage, put it away clean and lightly covered with a film of high quality light oil to prevent corrosion. This is especially necessary after use. Use a lightly oiled cloth. In the same way proceed with the bore of the barrel. Excess oil should be removed, but a thin protecting film should remain. Use a small brush to remove dust from all crevices to keep the finish from damaging.

For cleaning after shooting, it is of special importance that all residues of powder be removed from barrel and other adjacent areas subject to such deposits, using an appropriate brush. If particles of lead are detected in barrel they must be scrubbed with a brass brush, drenched with oil. Once cleaned, the weapon needs to be lubricated as above described.

Do not keep handgun in contact with materials that attract moisture or possess a certain degree of acidity, or in environments with great variation of temperature or of humidity. Avoid the use of holsters of cloth or of any other material except natural leather appropriately cured.

If the weapon is to be stored for a long period of time, extreme care should be taken with metal surfaces, in order to protect them against corrosion.

If magazine becomes dirty, it should be disassembled and thoroughly cleaned. To do so, use a punch to press in on magazine spring seat where it protrudes into the hole in the magazine floorplate. Slide the magazine floorplate toward the front of the magazine, taking care to prevent the forcible ejection of the magazine spring seat and compressed magazine spring. Withdraw magazine spring plate and magazine spring

LOADING

Use only new, factory fresh, domestic, .45 ACP caliber ammunition in your PSA 1911.

Load the magazine by pressing a cartridge in and downward on the forward portion of the magazine follower and sliding the cartridge fully under the lips of the magazine until the cartridge base is against the rear wall of the magazine. Repeat the procedure for the number of cartridges you wish to load, up to the magazine capacity. Do not exceed the stated magazine capacity for any reason

Insert the magazine into the pistol until the magazine clicks into position on the catch.

With the weapon pointed in a safe direction, and your finger off the trigger and outside the trigger guard, grasp the rear of the slide, pull back sharply and let go. This causes a round to be stripped from the magazine and seats it in the chamber of the barrel. Place the safety lever in the fully up "safe" position. **Use extreme caution**, the weapon is now ready to fire.

FIRING

With the pistol pointed in a safe direction and your finger off the trigger and outside the trigger guard, depress the safety lever fully down into the "fire" position. Check to make sure that the hammer is fully cocked. If it is not, cock it by drawing it fully back with the thumb of the shooting hand.

To ensure proper firing control and to fully depress the grip safety, the pistol should now be gripped firmly with the shooting hand.

Squeeze the trigger fully to the rear. This releases the hammer and fires the gun. Upon firing, the slide moves rearward thereby extracting and ejecting the spent cartridge case and returns the hammer to the fully cocked position.

The slide then returns forward feeding the next cartridge from the magazine into the barrel chamber and the hammer has been re-cocked. This sequence can be repeated until the last round has been fired at which time the magazine follower exerts upward pressure on the slide stop causing it hold the slide in the "open" position.

SAFETY FIRST:

Upon firing the pistol, the slide moves back with great force and speed. Make sure no portion of the shooter's person is in the path of travel to avoid injury.

If you decide not to fire and your handgun is in the fully cocked position, you must follow the instructions under unloading and inspection on page 8.

While this firearm has several safety features to help the shooter avoid negligent discharge of the weapon, there is no substitute for safe gun handling. It is the shooter's responsibility to take great care to insure the weapon is kept in well-maintained condition, and handled safely.

Never ever carry your PSA 1911 with the hammer down on a live cartridge. This would require the weapon to be de-cocked with a live round in the chamber. **Under no circumstances should this be attempted, SERIOUS INJURY OR DEATH TO YOU OR OTHERS may result.**

Troubleshooting

If during firing, a cartridge fails to fire, the chamber must be manually cleared.

Keeping the handgun pointed in a safe direction, wait ten seconds to make sure the weapon will not fire, while keeping a firm grip in the event it does. Keep your finger off the trigger and out of the trigger guard.

Remove the magazine from the pistol.

Keeping the pistol pointed in a safe direction, grasp the serrated sides of the slide, briskly pull the slide fully rearward to eject the misfired round. Do not obstruct the ejection port. Lock the slide back by applying upward pressure on the slide stop and visually check to make sure the chamber is empty.

YOU MUST REMOVE THE MAGAZINE FIRST. Any time you release the slide while a magazine containing cartridges is in the pistol, you will have reloaded the chamber.

With the Weapon cleared of live ammo, you may inspect as necessary. In the unlikely event your pistol requires service, Send it back to Palmetto State Armory, or have a qualified Gunsmith do the work.

WARRANTY

Palmetto State Armory firearms are warranted to be free from defects in materials and craftsmanship to the initial retail purchaser for the lifetime of the firearm. Palmetto State Armory will remedy any such defect of which Palmetto State Armory is given written notice. The liability of Palmetto State Armory under this warranty shall be limited solely to the obligation to repair or replace the firearm or defect at its discretion, and to pay transportation and insurance charges for return of the firearm to owner for a rightful warranty claim. This warranty is not transferable. Modification of firearm will void this warranty. The original warranty card must be legibly completed and mailed to Palmetto State Armory. This warranty does not cover normal wear or any damage resulting from careless handling, neglect, repairs and adjustments, corrosion, improper, substandard or defective ammunition. Completely fill out warranty card at time of purchase and mail it to Palmetto State Armory 2121 Old Dunbar Rd., West Columbia, SC 29172.

To initiate a Warranty claim, call Palmetto State Armory Customer Service at 803-788-9095. Monday – Friday 9:00 am – 5:00 pm EST. Warranty claims need to state (in writing) the model and serial number of the firearm concerned, a description of the difficulty experienced, and include the original receipt with date of purchase. The firearm concerned should be shipped (transportation charges prepaid), to the Warranty Department, Palmetto State Armory, 2121 Old Dunbar Rd., West Columbia, SC 29172. The owner should insure firearm shipment. Palmetto State Armory will not be responsible for loss or damage in transit. Palmetto State Armory will pay shipping and insurance charges for the return of a firearm to its owner if the related claim is a proper claim for warranty work.

Under no circumstances shall Palmetto State Armory be responsible for incidental or consequential damages with respect to economic loss or injury to property, whether as a result of express or implied warranty, negligence or otherwise. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. Palmetto State Armory will not be responsible for the results of careless handling, unauthorized adjustments, defective, low-quality, reloaded, or improper ammunition, corrosion, neglect, ordinary wear and tear, or unreasonable use.