

MANUAL

CO₂ Powered, Semi, Mag Fed, BB Air Pistol-Domestic

Caliber - 4.5 mm BB

READ ALL INSTRUCTIONS AND WARNINGS BEFORE USING

PFM16-515

REMEMBER, THIS AIRGUN IS NOT A TOY. ALWAYS TREAT THE AIRGUN AS THOUGH IT IS LOADED AND WITH THE SAME RESPECT YOU WOULD A FIREARM.

A SPECIAL MESSAGE TO PARENTS: Personal injury or death can result from improper handling if a pellet or BB strikes someone in a vulnerable spot. This airgun is not a toy. Therefore, if you purchased this airgun for use by a younger shooter, please make certain he or she operates it under the supervision of an adult.

WARNING: NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. DANGEROUS WITHIN 250 YARDS (229 METERS).

THIS AIR PISTOL IS INTENDED FOR USE BY THOSE 16 YEAR OF AGE OR OLDER.

YOU AND OTHERS WITH YOU SHOULD ALWAYS WEAR SHOOTING GLASSES TO PROTECT YOUR EYES.

BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS REGARDING THE USE AND OWNERSHIP OF THIS AIRGUN.

WARNING: DO NOT BRANDISH OR DISPLAY THIS AIRGUN IN PUBLIC – IT MAY CONFUSE PEOPLE AND MAY BE A CRIME. POLICE AND OTHERS MAY THINK IT IS A FIREARM. DO NOT CHANGE THE COLORATION AND MARKINGS TO MAKE IT LOOK MORE LIKE A FIREARM. THAT IS DANGEROUS AND MAY BE A CRIME.

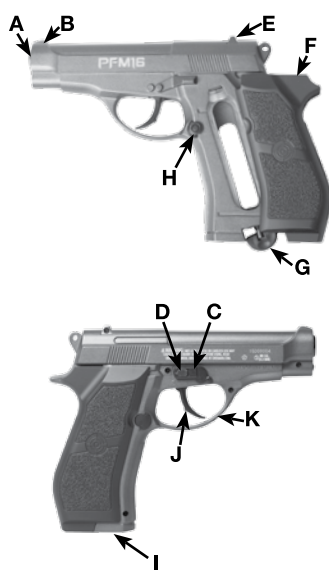
PROPOSITION 65 WARNING: THIS PRODUCT CONTAINS ONE OR MORE CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS (OR OTHER REPRODUCTIVE HARM).

1. IMPORTANT SAFETY INFORMATION

- ALWAYS treat the airgun as though it is loaded and ready to fire.
- ALWAYS treat airguns with the same respect you would a firearm.
- ALWAYS store the airgun unloaded and away from children.
- ALWAYS aim in a SAFE DIRECTION.
- ALWAYS keep the muzzle of the airgun pointed in a SAFE DIRECTION.
- ALWAYS keep your finger off the trigger and out of the trigger guard until ready to shoot.
- ALWAYS keep the airgun "ON SAFE" until you are ready to shoot (Figure 2).
- ALWAYS check to see if the airgun is "ON SAFE" (Figure 2) and unloaded when removing it from storage.
- ALWAYS check to see if the airgun is "ON SAFE" (Figure 2) and unloaded when handing it to, or receiving it from another person.
- ALWAYS have you and others wear shooting glasses to protect your eyes.
- ALWAYS wear shooting glasses over reading or prescription glasses.
- ALWAYS place a shooting backstop in a location that will be safe should the backstop fail.
- ALWAYS check your backstop for wear before and after each use. All backstops are subject to wear and will eventually fail. Replace your backstop if the surface is worn or damaged, or if a ricochet occurs.
- ALWAYS use the proper size ammo in your air gun. Check the markings on your airgun to verify the ammo size.
- NEVER point the airgun at any person or at anything you do not intend to shoot.
- NEVER reuse ammunition.
- NEVER shoot at hard surfaces or at the surface of water. The ammo may bounce off or ricochet and hit someone or something you had not intended to hit.
- NEVER attempt to disassemble or tamper with your airgun. Use an Authorized Service Station. Using an unauthorized service or repair center, or modifying the function of your airgun in any way, may be unsafe and will void your warranty.

2. LEARN THE PARTS

Learning the names of the parts of your airgun will help you understand your owner's manual



- A. Muzzle
- B. Front Sight
- C. Safety
- D. Safety Lock
- E. Rear Sight
- F. Grip Cover
- G. Piercing Wing
- H. Magazine Release Button
- I. Magazine
- J. Trigger
- K. Trigger Guard

3. OPERATING THE SAFETY

CAUTION: Like all mechanical devices, an air pistol safety can fail. Even when the safety is "ON SAFE", you should continue to handle the air pistol in a safe manner

- Locate the safety on the right side of the airgun directly above the trigger (Fig. 2A).
- The letters "F" and "S" are above the trigger. The condition of the safety is indicated by the position of the safety lever.

A. To Put the Air Pistol "ON SAFE"

- Push the safety lock towards the muzzle and slide the safety lever down towards the "S" for "ON SAFE".
- The safety is in the SAFE position and the air pistol is "ON SAFE" when the safety is angled down and locked in place as shown in Fig. 2A.

B. To Put the Air Pistol "OFF SAFE"

- Push the safety lock towards the muzzle and slide the safety lever up toward the "F" for FIRE or "OFF SAFE".
- The safety is in the FIRE position and "OFF SAFE" when the "F" is covered up as shown in Fig. 2B.

WARNING: KEEP THE AIR PISTOL IN THE "ON SAFE" POSITION UNTIL YOU ARE ACTUALLY READY TO SHOOT. THEN PUSH THE SAFETY TO THE "OFF SAFE" POSITION.

4. INSTALLING AND REMOVING THE CO₂ CARTRIDGE

WARNING:

- CO₂ CARTRIDGE MAY EXPLODE AT TEMPERATURES ABOVE 120°F (48.9°C). DO NOT MUTILATE OR INCINERATE THEM. DO NOT EXPOSE THEM TO HEAT OR STORE CO₂ CARTRIDGES AT TEMPERATURES ABOVE 120°F (48.9°C).
- ALWAYS MAKE SURE THE CO₂ CARTRIDGE IS EMPTY BEFORE ATTEMPTING TO REMOVE IT FROM THE AIR PISTOL BY SLOWLY TURNING THE WING COUNTER-CLOCKWISE ALL THE WAY UNTIL YOU NO LONGER HEAR THE ESCAPE OF CO₂ GAS.
- KEEP HANDS AND FACE AWAY FROM ESCAPING CO₂ GAS. IT CAN CAUSE FROSTBITE IF ALLOWED TO COME IN CONTACT WITH SKIN.

CAUTION:

- We recommend the use of Crosman Powerlet™ CO₂ cartridges. They are made to fit your air pistol. Other brands of CO₂ cartridges may not fit properly and may result in injury to you or damage to your air pistol.
- Do not store your air pistol with a CO₂ cartridge in it. Doing so can cause damage to the air pistol seal.

A. Installing a New CO₂ Cartridge

- Put the air pistol "ON SAFE".
- Make sure the air pistol is UNLOADED and POINTED IN A SAFE DIRECTION.
- With your hand under the magazine, push the magazine release button to remove the magazine.
- Remove the grip cover from the air pistol. Slide the grip plate back to open (Fig. 3).
- Turn the piercing wing counter-clockwise to remove tension and allow for clearance of the CO₂ cartridge (Fig. 4).
- Put 1 drop of Crosman 0241 Pellgunoil on the tip of every CO₂ cartridge in order to properly maintain the air pistol seal.
- Insert a new CO₂ cartridge into the air pistol, small neck first, pointing toward the piercing assembly (Fig. 5).
- With your thumb and forefinger, turn the piercing wing clockwise until it pierces the CO₂ cartridge. If you hear a hissing sound when piercing the cartridge, try tightening the wing slightly more. Be careful not to over-tighten when piercing. Over-tightening the CO₂ cartridge can cause injury to you or damage to your air pistol.
- Replace the grips by either inserting the top of the grip first and pushing the grip down to close or sliding the grip back in place (depending on your specific model).
- To make sure the cartridge has been pierced, point the gun in a SAFE DIRECTION, take "OFF SAFE" and pull the trigger. If the air pistol does not make a popping noise after pulling the trigger, the CO₂ is not being discharged. In that event, remove the grips and tighten the piercing wing a little more. Point the air pistol in a SAFE DIRECTION, and pull the trigger until there is a popping noise, which means the air pistol is releasing CO₂ with each pull of the trigger.
- Slide the magazine into the grip and snap in place.

B. Removing the CO₂ Cartridge

- Put the air pistol "ON SAFE".
- Make sure the air pistol is UNLOADED and POINTED IN A SAFE DIRECTION.
- With your hand under the magazine, push the magazine release button to remove the magazine.
- Remove the grip covers.
- Slowly turn the piercing wing counter-clockwise to release any remaining CO₂, being careful not to come in contact with the escaping gas.
- Tip out the empty cartridge. It may be cold to the touch.
- For proper storage, use the piercing wing to tighten the piercing knob enough so the grips can be replaced.



Fig. 2A

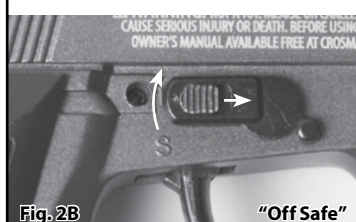
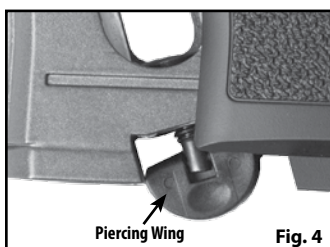


Fig. 2B



Fig. 3



Piercing Wing

Fig. 4



Fig. 5

REMEMBER: Keep hands and face away from escaping CO₂ gas. It can cause frostbite if allowed to come in contact with skin.

5. LOADING AND UNLOADING BBs

CAUTION: This air pistol was designed to function best with CROSMAN™ and COPPERHEAD™ BBs.

- Use of other ammunition may cause the gun to malfunction and could cause damage to the air pistol.
- Never reuse ammunition.
- Review the entire manual, including the section on Safety, before firing your air pistol.

A. Loading Steel BBs

- Make sure the air pistol is "ON SAFE" (Fig. 2A) and pointed in a SAFE DIRECTION.
- With your hand under the magazine, push the magazine release button to remove the magazine.
- Pull down the BB Follower tab (Fig. 6A) and lock in place (Fig. 6B).
- Insert up to 20 steel BBs into the BB loading hole (Fig. 6C).
- Place a finger over the end of the magazine to prevent the BBs from exiting.
- With the magazine pointed in a safe direction, slowly release the BB Follower tab by moving the tab out of the notch (Fig. 6D).

NOTE: Releasing the BB Follower tab quickly, or without the end covered, could allow BBs to exit the magazine.

- Insert the loaded magazine into the air pistol.
- After following these steps and reading the entire manual, including the section on reviewing safety procedures, your air pistol is now loaded and ready to fire.

B. Unloading Steel BBs

NOTE: The air pistol must be charged with CO₂ when following these steps, but remember remove the CO₂ prior to storing the air pistol to avoid damage to the air pistol seal.

- Make sure the air pistol is "ON SAFE" and pointed in a SAFE DIRECTION.
- With your hand under the magazine, push the Magazine Release Button to remove the magazine.
- Pull down the BB Follower tab and lock.
- Tip the magazine until all the BBs fall out of the loading hole.
- If a BB is still visible in the top of the magazine, push the BB out of the magazine using the follower tab.
- Aim the air pistol in a SAFE DIRECTION; insert the magazine into gun, take it "OFF SAFE" and fire.
- Repeat this procedure several times until you are sure you are no longer firing BBs and the gun is empty of ammunition.



Fig. 6

WARNING: EVEN THOUGH YOU GO THROUGH THE UNLOADING PROCEDURE, CONTINUE TO TREAT THE AIR PISTOL AS THOUGH IT WERE LOADED. DO NOT POINT AT ANYTHING YOU DO NOT INTEND TO SHOOT.

6. AIMING AND FIRING SAFELY

CAUTION:

- REMEMBER, choose your targets carefully and be sure that the area around the target is clear.
- THINK about what you will hit if you miss the target!

- YOUR air pistol is designed to target shooting and is suited for both indoor and outdoor use.
- Follow the instructions for loading the CO₂ and loading steel BBs.
- The air pistol is correctly aimed when the front sight blade is positioned in the notch of the rear sight (Fig. 7).
- The top of the front blade should be even with the top of the notch in the rear sight. The bulls-eye should appear to rest on top of the front sight.
- When you are sure of your target and backstop, and the area around the target is clear, take the air pistol "OFF SAFE" and pull the trigger to fire.

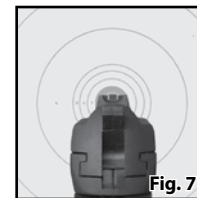


Fig. 7

7. REMOVING A JAMMED BB

CAUTION: Never look down the barrel to see if a jam has been cleared

Follow the instructions under section 5B. If you are not able to unarm your airgun by following the unloading procedure, take no further action. An Authorized Service Station will unjam your airgun at no cost to you during the warranty period.

8. MAINTAINING YOUR AIR PISTOL

A. General Maintenance:

- Before you attempt to oil your air pistol, make sure the gun is unloaded and the CO₂ cartridge has been removed.
- Putting a drop of Pellgunoil on the tip of every CO₂ cartridges will help to maintain the air pistol seal in your air pistol. DO NOT use petroleum distillate based oil or solvent and DO NOT over-oil as this can cause damage to your air pistol.
- If you drop the air pistol, visually inspect for damage before using it again.
- If anything seems changed, like a shorter or weaker trigger pull, this may mean broken parts.

WARNING:

- DO NOT ATTEMPT TO DISASSEMBLE YOUR AIR PISTOL.
- DO NOT MODIFY OR ALTER YOUR AIR PISTOL. ATTEMPTS TO MODIFY THE AIR PISTOL IN ANY WAY INCONSISTENT WITH THIS MANUAL MAY MAKE YOUR AIR PISTOL UNSAFE TO USE, CAUSE SERIOUS INJURY OR DEATH, AND WILL VOID THE WARRANTY.

B. TROUBLESHOOTING:

If you experience inaccuracy or lower velocity, be sure you have not depleted the CO₂ supply:

- As you use up the CO₂, accuracy will drop off
- Get to know your gun and the number of shots it takes for this to happen
- Change cartridges as needed

PERFORMANCE

Many factors affect velocity, including brand of projectile, type of projectile, lubrication, barrel condition and temperature. This air pistol was designed to function best with CROSMAN™ and COPPERHEAD™ branded ammunition. Use of other ammunition may cause the gun to malfunction.