

CO2 Air Pistol Caliber .177 (4.5 mm) BB

READ THIS OWNER'S MANUAL COMPLETELY. This airgun is not a toy. Treat it with the same respect you would a firearm. Always carefully follow the safety instructions found in this owner's manual and keep this manual in a safe place for future use.

WARNING: NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. MAY BE DANGEROUS UP TO 325 YARDS (297 METERS).

THIS IS A HIGH POWERED AIRGUN FOR USE BY THOSE 16 YEARS OF AGE OR OLDER. READ ALL INSTRUCTIONS BEFORE USING. THE PURCHASER AND USER SHOULD CONFORM TO ALL LAWS GOVERNING THE PURCHASE, USE AND OWNERSHIP OF AIRGUNS.



Smith & Wesson

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1. Get to know the components of your new air pistol

Familiarity with components of your air pistol will help you to understand this instruction manual. Read this manual in order to better enjoy the use of your new airgun.



2. Handling the safety

WARNING: THE SAFETY WILL NOT FUNCTION IF THE HAMMER IS COCKED. FIRE IN A SAFE DIRECTION BEFORE ENGAGING THE SAFETY.

WARNING: BE SURE THE AIRGUN IS ALWAYS POINTED IN A SAFE DIRECTION. NEVER POINT THE AIRGUN AT ANYONE EVEN IF IT IS UNLOADED. ALWAYS ASSUME AND HANDLE THE AIRGUN AS IF IT WERE LOADED AND READY TO FIRE.

2.1 To Put The Air Pistol "ON SAFE":

- Locate the safety on the left hand side of the receiver.
- Push the safety rearward until it stops (Fig. 1). The safety is not "ON SAFE" unless it is pushed all the way back and the RED dot is not showing.



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 safely. Do not ever point the air pistol at any person. Do not ever point the air pistol at anything you do not intend to shoot.

2.2 To Put The Air Pistol "OFF SAFE" (on fire):

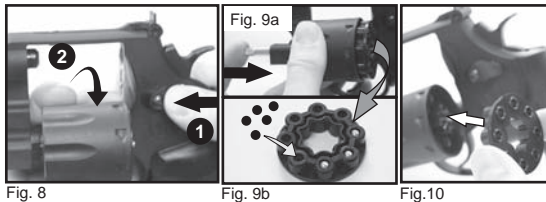
- Push the safety forward, toward the muzzle end. When you can see the RED dot on the grip frame, the air pistol is "OFF SAFE" and can be fired (Fig. 2).



4. Loading and Unloading the Airgun

WARNING: USE CAL. .177 (4.5 mm) STEEL BBs ONLY IN THIS AIR PISTOL. NEVER REUSE BBs. USE OF ANY OTHER AMMUNITION CAN CAUSE INJURY TO YOU OR DAMAGE TO THE AIR PISTOL AND WILL VOID THE WARRANTY.

WARNING: DO NOT PLACE YOUR HAND OR FINGERS OVER THE MUZZLE. ALWAYS MAKE SURE YOUR AIR PISTOL IS POINTING IN A SAFE DIRECTION, AND KEEP YOUR FINGER AWAY FROM THE TRIGGER. FAILURE TO FOLLOW THIS WARNING MAY CAUSE SERIOUS INJURY.



4.1 Loading the Air Pistol

- Always keep the air pistol pointed in a SAFE DIRECTION.
- Press the cylinder release button and push the cylinder from the right side to swing it out (Fig. 8).
- Put the air pistol in "ON SAFE" (See Step 2.1).
- Remove the rotary magazine (Fig. 9a).
- Place a caliber .177 (4.5 mm) steel BB, in each chamber of the magazine (Fig. 9b).
- Replace the magazine (Fig. 10)
- Close the cylinder (Fig. 11).



CAUTION: Do not place your hand or fingers over the muzzle when opening or closing the cylinder.

7. Use and Handling of CO2 Capsules

It is possible that certain conditions may affect a CO2 pistol, which can impact its proper performance. These conditions include the usage, maintenance, and storage at certain temperatures that are higher or lower than normal outdoors temperatures (from 59°F / 15°C to 69.8°F / 21°C). Another condition may be when the airgun is shot at fast speeds.

1. High temperatures can increase pressure in the CO2 capsule and also within the airgun, leading to higher than standard operating pressure. This excess pressure could cause the airgun to malfunction or be permanently damaged. Maximum storage or operation temperature should never exceed 120°F (50°C). This temperature can be reached if you leave the airgun under direct sunlight on a bright day. Thus, to ensure proper airgun operation, do not expose it to high temperatures or direct sunlight for long periods of time. Otherwise, the CO2 capsule could overheat and explode, which could damage the airgun and cause injuries or death to people around it.
2. Fast consecutive shooting may produce a decrease of temperature in the airgun, as well as the CO2 capsule. This could lead to a lower muzzle speed, (uneven gas pressure).
3. Keep in mind that during a rapid-fire sequence, the muzzle speed will diminish with each shot, which may negatively affect the power of the shot.
4. Try not to shoot the airgun with a CO2 capsule that has already lost a considerable portion of its pressure. Here are some indicators of insufficient CO2 capsule pressure:

- A) The sound of the shot is not as loud as when the capsule is full.
- B) The ammunition hits the target, but in a lower position than it would with a full CO2 capsule (that is, the shooting speed has dropped).

WARNING: SHOOTING WITH LOW CO2 PRESSURE CAN CAUSE A BB TO GET JAMMED IN THE BARREL.

- This air pistol may only be used where your local laws permit or at shooting ranges allowed by the law, and only if the ammunition does not travel further than the shooting area. Keep in mind the maximum range of the projectile.
- Always check to see if the air pistol is "ON SAFE" and unloaded when getting it from another person or from storage.
- Always keep your finger away from the trigger and away from the trigger guard until ready to shoot.
- You and others with you should always wear shooting glasses to protect your eyes.
- Use only ammunition and a CO2 capsule designed for this air pistol.
- Never reuse pellets or BBs.
- Do not shoot at hard surfaces or at the surface of water. The projectile may bounce off or ricochet and hit someone or something you had not intended to hit.
- Replace the backstop if it becomes worn. Place the backstop in a location that will be safe should the backstop fail.
- Always store the air pistol with the safety on, unloaded, separated from the ammunition and CO2 capsule, and in a secure location to prevent unauthorized people from accessing it.
- Do not attempt to disassemble or tamper with your air pistol. Use an Authorized Service Station or return it to Umarex USA for repair.
- Do not put the air pistol away loaded. (See Step 4.2).
- Always store this air pistol in a secure location.
- Never leave the air pistol loaded if it is out of your reach.
- Unload the air pistol before giving it to someone else.

12. Technical Data

Mechanism:	Repeater	Sights:	Front - Fixed
Caliber/Ammunition:	cal. .177 (4.5 mm) BBs	Barrel Length:	Rear - Adjustable for windage
Magazine capacity:	8 shots	Power source:	3.3 inch / Smooth
Weight:	1.35 lbs.	Safety:	12g CO2 Capsule
Overall Length:	7.1 inch	Manual Slide	410 fps
		Velocity:	410 fps
		Danger Distance:	325 yards (297 meters)

CAUTION: YOU AND OTHERS WITH YOU SHOULD ALWAYS WEAR SHOOTING GLASSES TO PROTECT YOUR EYES. READ ALL INSTRUCTIONS BEFORE USING. BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS ABOUT THE USE AND OWNERSHIP OF THIS AIRGUN.

3. Insertion and Removal of CO2 Capsules

WARNING: CO2 CAPSULES MAY EXPLODE AT TEMPERATURES ABOVE 120° F. DO NOT MUTILATE OR INCINERATE THEM. DO NOT EXPOSE THEM TO HEAT OR STORE CO2 CAPSULES AT TEMPERATURES ABOVE 120° F.

WARNING: KEEP HANDS AWAY FROM ESCAPING CO2 GAS. IT CAN CAUSE FROSTBITE IF ALLOWED TO COME IN CONTACT WITH SKIN.

3.1 Inserting a CO2 capsule

- Make sure the air pistol is "ON SAFE" (See Step 2.1).
- Make sure the air pistol is unloaded (See Step 4.2).
- Always keep the air pistol pointed in a SAFE DIRECTION.
- Push the button on the bottom of the grip (Fig. 3).
- Turn the puncture screw counter-clockwise (Fig. 4).
- Put one drop of RWS Chamber Lube (airgun oil) on the tip of the CO2 capsule.
- Insert the CO2 capsule with the small neck of the capsule pointing up (Fig. 5).
- Puncture the capsule by turning the puncture screw clockwise (up) until hand tight (Fig. 6).
- Close the grip—push the backstrap down until it snaps into place (Fig. 7).
- With the air pistol unloaded (See Step 4.2) and pointed in a SAFE DIRECTION, put "OFF SAFE" (See Step 2.2) and squeeze the trigger to fire. If your air pistol does not make a popping noise after pulling the trigger, the CO2 is not being discharged. In that event you will have to put the air pistol "ON SAFE" (See Step 2.1), remove the CO2 capsule (See Step 3.2), and re-insert the CO2 capsule as described in Step 3.1.

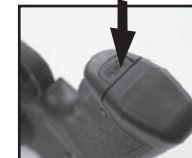


Fig. 3



Fig. 4



Fig. 5

3.2 Removing a CO2 Capsule

- Make sure the air pistol is "ON SAFE" (See Step 2.1).
- Make sure the air pistol is unloaded (See Step 4.2).
- Always keep the air pistol pointed in a SAFE DIRECTION.
- Push the button on the bottom of the grip (Fig. 3).
- Slowly turn the puncture screw counter-clockwise (down) allowing any remaining CO2 gas to escape (See Fig. 4).
- Continue turning the puncture screw counter-clockwise until it stops (Fig. 4).
- Remove the CO2 capsule.

CAUTION: FIRING THE AIR PISTOL WITH LOW GAS PRESSURE MAY CAUSE A PROJECTILE TO GET STUCK IN THE BARREL.

Never try to force any CO2 capsule into or out of place as it may result in injury to you or damage to your air pistol. Do not store your air pistol with a CO2 capsule in it. This is very important to remember, as it will prolong the longevity of your air pistol seals.



Fig. 6

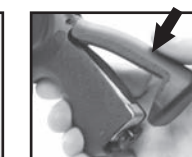


Fig. 7

4.2 Unloading the Air Pistol

- Put air pistol "ON SAFE" (See Step 2.1).
- Remove the CO2 capsule (see Step 3.2).
- Press the cylinder release button and push the cylinder from the right side to swing it out (Fig. 8).
- Push the extractor rod and remove the rotary magazine (Fig. 9a).
- Using a .177 caliber ramrod, gently push each BB out of the magazine (see Fig. 12).
- Using a .177 caliber ramrod, push it through each chamber of the cylinder to make sure there are no projectiles in the cylinder.
- Check to make sure there are no projectiles in the barrel by pushing a .177 caliber ramrod through the barrel.

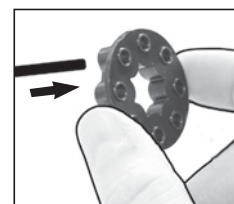


Fig. 12

If a BB is jammed in the barrel or cylinder, see Step 8 - Removing a Jammed BB.

WARNING: MAKE SURE THAT THE AIR PISTOL ALWAYS POINTS IN A SAFE DIRECTION. NEVER POINT AT PEOPLE OR ANIMALS. ALWAYS HANDLE THE AIR PISTOL AS IF IT WAS LOADED AND READY TO FIRE.

WARNING: DUE TO HIGH SHOOTING VELOCITY OF THIS AIRGUN, TAKE PARTICULAR CARE AND CAUTION IN SHOOTING A SAFE TARGET. ONLY CHOOSE TARGETS WITH A SAFE BACKSTOP. DO NOT CHOOSE TARGETS THAT WILL CAUSE RICOCHETS. NEVER SHOOT AT WATER.

5. Safe Aiming and Shooting

- You and others with you should always wear shooting glasses to protect your eyes.
- Always aim your air pistol in a SAFE DIRECTION. When you are sure of your target and backstop, and the area around the target is clear: For double action put the air pistol "OFF SAFE" (See Step 2.2) and squeeze the trigger to fire. For single action, put the air pistol "OFF SAFE", pull the hammer back and squeeze the trigger to fire.
- Do not shoot at hard surfaces or at the surface of water. The projectile may bounce off or ricochet and hit someone or something you had not intended to hit.
- Always choose your target carefully. It is best to shoot at paper bullseye targets, which are attached to a safe backstop. Your backstop should be checked for wear before and after each use. Replace your backstop if the surface is worn or damaged, or if a ricochet occurs.
- Your air pistol is designed for target shooting and is suited for both indoor and outdoor use. Always remember to place your target carefully. THINK about what you will hit if you miss the target.
- The air pistol is correctly aimed when the front sight blade is positioned exactly in the notch of the rear sight. The top of the front sight blade should be even with the top of the notch in the rear sight. The bullseye should appear to rest on the top of the front sight (Fig. 13).

6. Adjusting the Sight

The rear sight can be adjusted for windage. Turn the screw (A) clockwise if the air pistol shoots too far to the left or counter-clockwise if it shoots too far to the right (Fig. 14).

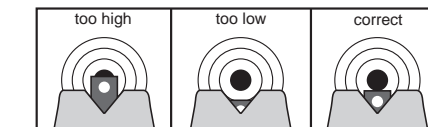


Fig. 13



Fig. 14

WARNING: BEFORE YOU ATTEMPT TO CLEAN YOUR AIR PISTOL, ALWAYS MAKE SURE IT IS "ON SAFE" (SEE STEP 2.1), MAGAZINE AND CO2 CAPSULE ARE REMOVED, THE CHAMBERS OF THE CYLINDER ARE EMPTY, AND YOU HAVE CHECKED THE BARREL TO MAKE SURE THERE ARE NO BBS LEFT IN IT.

- Your air pistol will work best if you put one drop of RWS Chamber Lube directly on the tip of the CO2 capsule before inserting. DO NOT use a petroleum distillate based oil or solvent and DO NOT over-oil as this can cause damage to your air pistol.
- Occasionally apply one drop of RWS Spring Cylinder Oil to the yoke (A), hand (B), front of hammer (C), center pin (D), and cylinder release (E) (see Fig. 15).

Tampering with the air pistol or attempts to modify the air pistol in any way may make it unsafe to use and will void the warranty. If you drop your air pistol, check to see that it works properly before you use it again. If your air pistol is damaged or does not perform properly, call Umarex USA Customer Service for assistance before using your air pistol again.

11. Safety Review

- Do not ever point the air pistol at any person. Do not ever point the air pistol at anything you do not intend to shoot.
- Always treat the air pistol as if it was loaded and handle it with the same respect you would a firearm.
- Always aim in a SAFE DIRECTION. Always keep the muzzle pointed in a SAFE DIRECTION.
- Always keep the air pistol "ON SAFE" until you are ready to shoot in a SAFE DIRECTION.
- Check behind and beyond your target to be certain you have a safe backstop and that no person or property can be endangered.

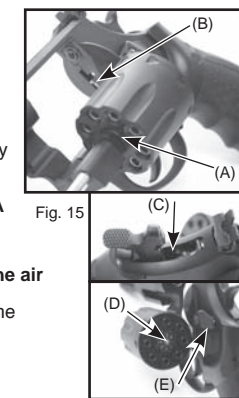


Fig. 15

13. WARRANTY OR REPAIR

PERFORMANCE
 Many factors affect velocity, including brand of projectile, type of projectile, amount of CO2 in capsule, lubrication, barrel condition, and temperature.

REPAIR SERVICE

If your air pistol needs repaired contact Umarex USA. For an Authorized Service Station near you, visit our website at www.UmarexUSA.com or call Customer Service at (479) 646-4210. DO NOT ATTEMPT TO DISASSEMBLE IT! Your air pistol requires special tools and fixtures to repair it. If you take it apart, you probably will not be able to reassemble it correctly. Umarex USA assumes no warranty responsibility under such circumstances.

90 DAY LIMITED WARRANTY

This product is warranted to the retail consumer for 90 days from date of purchase against defects in material and workmanship and is not transferable.

WHAT IS COVERED Replacement parts and labor.

WHAT IS NOT COVERED Shipping charges to Umarex USA for defective product and damages caused by abuse or failure to perform normal maintenance as well as any other expense. Consequential damages, or incidental expenses, including damage to property. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

WARRANTY CLAIMS

Warranty Claims and Repair for U.S. and Canadian customers only. Call Umarex USA (479)646-4210 and ask for the Service Department. If it is determined a return is necessary, you will be issued a Return Authorization Number. Write this number boldly on the box and return the product prepaid to Umarex USA (Canadian customers will be provided with the address of an authorized Canadian Repair Facility). Your name, address, phone number, and a note explaining the defect found must be included in the package. A copy of the original purchase receipt must accompany the return. U.S. customers include a check made to Umarex USA in the amount provided by Umarex USA's service department to cover shipping and handling.

IMPLIED WARRANTIES

Any implied warranties, including the implied warranties of merchantability and fitness for a particular purpose, are limited in duration to 90 days from date of retail purchase. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. TO THE EXTENT ANY PROVISION OF THIS WARRANTY IS PROHIBITED BY FEDERAL STATE, OR MUNICIPAL LAW WHICH CANNOT BE PREEMPTED, IT SHALL NOT BE APPLICABLE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE AND COUNTRY TO COUNTRY.

14. Problems

Problems	POSSIBLE REASONS	safety activated	CO2 capsule empty	dirty barrel	CO2 capsule is defective	extreme temperatures	incorrect projectile	cylinder not properly closed and latched	incorrect sight adjustment
Bad shooting performance		•	•		•	•			•
Gun does not function	•	•		•			•		
Low projectile velocity		•	•		•	•			

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