



# Model 1760

## .177 CALIBER (4.5 mm) PELLET CO<sub>2</sub> RIFLE

# OWNER'S MANUAL

READ ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL BEFORE USING THIS AIR RIFLE

Incluye instrucciones en español al reverso

Crosman Corporation  
Rts. 5 & 20  
East Bloomfield, NY 14443

8-1760-515

**WARNING:** Not a toy. Adult supervision required. Misuse or careless use may cause serious injury or death. May be dangerous up to 500 yards (457 meters). 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 air rifle.

THIS AIR RIFLE IS INTENDED FOR USE BY THOSE 16 YEARS OF AGE OR OLDER.

Congratulations and thank you for purchasing the Model 1760 .177 caliber (4.5 mm) pellet CO<sub>2</sub> rifle. Please read this owner's manual completely. And remember, this air rifle 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. If you have any questions regarding your new air rifle, please contact Crosman International Department at 1-800-724-7486, 716-657-6161 or www.crosman.com.

### STEPS FOR SAFE SHOOTING

- Step 1. Learning the Parts of Your New Air Rifle
- Step 2. Operating the Safety
- Step 3. Removing and Installing CO<sub>2</sub> Cartridge
- Step 4. Loading and Unloading Pellets

- Step 5. Aiming and Firing Safely
- Step 6. Removing a Jammed Pellet
- Step 7. Maintaining Your Air Rifle
- Step 8. Reviewing Safety

#### Step 1. Learning the Parts of Your New Air Rifle

Learning the names of the parts of your new air rifle will help you to understand your owner's manual. Use this manual to increase your enjoyment of this air rifle.

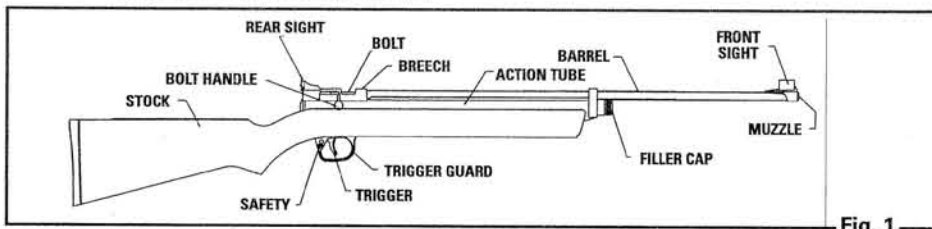


Fig. 1

#### Step 2. Operating the Safety

**WARNING:** Keep the air rifle "ON SAFE" until you are actually ready to shoot. Then push the safety to "OFF SAFE".

##### A. To Put the Air Rifle "ON SAFE":

- Locate the safety directly behind the trigger.
- Push the safety from the left side all the way in. (Fig. 2) The safety is not on unless it is pushed all the way in and the red ring around the safety is not showing. The air rifle will not fire when "On Safe". Even when the safety is "On Safe", you should continue to handle the air rifle safely. Do not ever point the air rifle at any person. Do not ever point the air rifle at anything you do not intend to shoot.



Fig. 2

##### B. To Take the Air Rifle "OFF SAFE":

- Push the safety from the right side all the way in.
  - The air rifle is ready to fire when "Off Safe".
- When you can see the red ring around the safety, the air rifle is "Off Safe" and can be fired.

#### Step 3. Removing and Installing CO<sub>2</sub> Cartridge

**WARNING:** Keep hands away from escaping CO<sub>2</sub> gas. It can cause frostbite if allowed to come in contact with skin. Always make sure the CO<sub>2</sub> cartridge is empty before attempting to remove it from the air rifle by slowly turning the filler cap counter-clockwise all the way until you no longer hear the escape of CO<sub>2</sub> gas.

##### A. Removing CO<sub>2</sub> Cartridge.

- Put the air rifle "On Safe". (See Step 2A)
- Slowly turn the filler cap counter-clockwise all the way until you no longer hear the escape of CO<sub>2</sub> gas.
- Pull the filler assembly from the action tube and remove the empty CO<sub>2</sub> cartridge by pointing the muzzle of the air rifle down.

##### B. Installing a New CO<sub>2</sub> Cartridge

- Put the air rifle "On Safe". (See Step 2A)
  - Insert the new CO<sub>2</sub> cartridge into the air rifle with the small neck of the CO<sub>2</sub> cartridge into the action tube first. (Fig. 3)
  - Replace the filler cap assembly in the action tube. Screw the filler cap completely into place until finger tight only.
  - Cock the bolt by pushing the bolt handle up and pulling it all the way back until you hear two clicks. Close the bolt and push the bolt handle down to lock.
  - Point the air rifle in a SAFE DIRECTION, take "Off Safe" (See Step 2B) and pull the trigger. If the air rifle does not make a popping noise after pulling the trigger, the CO<sub>2</sub> is not being discharged. In that event, tighten the filler cap slightly and repeat cocking the bolt and firing the air rifle until there is a popping noise, which will mean the air rifle is releasing CO<sub>2</sub> with each pull of the trigger.
  - Return safety to the "On Safe" position. (See Step 2A)
- NOTE:** We recommend the use of Copperhead® brand Powerlet® CO<sub>2</sub> cartridges. They are made to fit the Model 1760 air rifle. Other brands of CO<sub>2</sub> cartridges may not fit properly and if you force them into place it may result in injury to you or damage to your air rifle. Never try to force any CO<sub>2</sub> cartridge into or out of place. Do not store your air rifle with a CO<sub>2</sub> cartridge in it. If you know you will not be using your air rifle for an extended period of time, empty the CO<sub>2</sub> cartridge and remove it from the air rifle. (See Step 3A) This is very important to remember, as it will prolong the longevity of your air rifle seals.

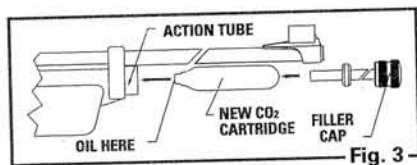


Fig. 3

**WARNING:** CO<sub>2</sub> cartridges may explode at temperatures above 120°F (48.9°C). Do not mutilate or incinerate them. Do not expose them to heat or store CO<sub>2</sub> cartridges at temperatures above 120°F (48.9°C).

#### Step 4. Loading and Unloading Pellets

**WARNING:** Use .177 caliber (4.5 mm) pellets only. Never reuse ammunition. Use of any other ammunition can cause injury to you or damage to the air rifle.

##### A. Loading Pellets

- Put the air rifle "On Safe". (See Step 2A)
- Point the air rifle in a SAFE DIRECTION.
- Open the bolt by pushing the bolt handle up and pulling it all the way back until you hear two clicks. (Fig. 4)
- With the bolt in the rearward position, place one pellet, nose first, into the loading port (breech). (Fig. 4) This is a single shot pellet air rifle. Load no more than one pellet at a time.
- Lightly push the pellet into the barrel by closing the bolt and pushing the bolt handle down to lock. DO NOT jam the bolt forward. This will damage your air rifle.
- Be sure the bolt is closed before firing. If it is not closed and fully locked, the pellet may not be discharged.

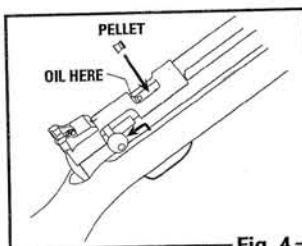


Fig. 4

##### B. Unloading Pellets

**NOTE:** The air rifle must be charged with CO<sub>2</sub> when following these steps but remember, do not store your air rifle with a CO<sub>2</sub> cartridge in it. (See Step 3A and NOTE.)

- Aim the air rifle in a SAFE DIRECTION, take it "Off Safe" (See Step 2B) and fire. You may also unload your air rifle by following the directions listed under Step 6 - Removing a Jammed Pellet.

#### Step 5. Aiming and Firing Safely

##### A. Aiming and Firing the Air Rifle

- You and others with you should always wear shooting glasses to protect your eyes.
- Always aim your air rifle in a SAFE DIRECTION. When you are sure of your target and backstop, and the area around the target is clear, take the air rifle "Off Safe" (See Step 2B) and squeeze the trigger to fire.
- Do not shoot at hard surfaces or at the surface of water. The pellet 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 such as the Crosman 850 Target Trap. A heavy blanket should be hung behind the Target Trap to prevent ricochet should you miss the backstop.
- Your backstop should be checked for wear before and after each use. Replace the backstop if the surface is worn or damaged or if a ricochet occurs.
- Your air rifle 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 rifle is correctly aimed when the top of the front sight blade is positioned exactly in the center of the rear sight aperture (peephole). The bullseye should appear to rest on the top of the front sight. (Fig. 5)

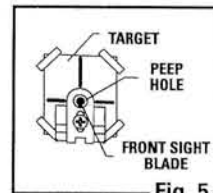


Fig. 5

##### B. Sight Adjustment

- The rear sight may be adjusted to shoot higher or lower (elevation). Loosen the elevation adjustment screw by turning it counterclockwise. Move the sight up to make the pellet hit higher on the target. Move the sight down to make the pellet hit lower on the target. Then tighten the elevation adjustment screw by turning it clockwise. (Fig. 6)
- The rear sight may be adjusted to shoot right or left (windage). Loosen the windage adjustment screw by turning it counterclockwise. Move the sight to the right to make the pellet hit to the right on the target. Move the sight to the left to make the pellet hit to the left on the target. Then tighten the windage adjustment screw by turning it clockwise. (Fig. 7)

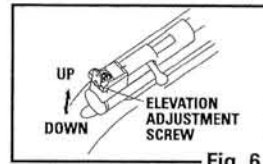


Fig. 6

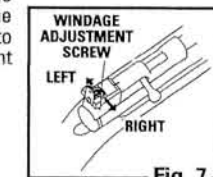


Fig. 7

#### Step 6. Removing a Jammed Pellet

- Put the air rifle "On Safe". (See Step 2A)
- Empty and remove the CO<sub>2</sub> cartridge. (See Step 3A)
- Open the bolt. (See Step 4A - Fig. 4)
- Insert a ramrod of the proper size into the barrel (start at the muzzle). The barrel could be damaged if the proper sized ramrod is not used.
- Push the jammed pellet into the pellet loading port (forward of the bolt). (Fig. 8)
- Do not try to reuse that pellet.
- If you are not able to unjam your air rifle by following this procedure, take no further action. An Authorized Service Station will unjam your air rifle (no cost during the warranty period).

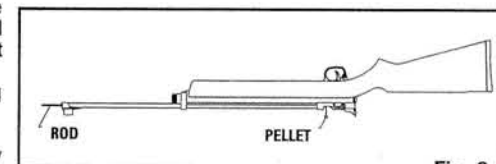


Fig. 8

#### Step 7. Maintaining Your Air Rifle

- Your air rifle will work best if you oil it every 250 shots. Put a drop of Crosman 0241 Lubricating Oil directly on the tip of a CO<sub>2</sub> cartridge before inserting and on the o-ring located on the bolt. (See Fig. 3 & 4) A light coat of Crosman 0241 Lubricating Oil on all exposed metal parts helps prevent rust. DO NOT use a petroleum distillate based oil or solvent and do not over-oil as this can cause damage to your air rifle.
- If the accuracy of your air rifle falls off, run a firm but free fitting patch through the barrel. Be sure to use a ramrod of the proper size that will not damage the barrel.
- Tampering with the air rifle or attempts to change the air rifle in any way may make it unsafe to use and will void the warranty.
- If you drop your air rifle, check to see that it works properly before you use it again. If anything seems changed, like a shorter or weaker trigger pull, this may mean worn out or broken parts. Call Crosman International Department for assistance before using the air rifle again.

#### Step 8. Reviewing Safety

- Do not ever point the air rifle at any person. Do not ever point the air rifle at anything you do not intend to shoot.
- Always treat the air rifle as though it was loaded and with the same respect you would a firearm.
- Always aim in a SAFE DIRECTION. Always keep the muzzle of the air rifle pointed in a SAFE DIRECTION.
- Always keep the air rifle "On Safe" until you are ready to shoot in a SAFE DIRECTION.
- Always check to see if the air rifle is "On Safe" and unloaded when getting it from another person or from storage.

- Always keep your finger off the trigger and out of the trigger guard until ready to shoot.
- You and others with you should always wear shooting glasses to protect your eyes.
- Keep hands away from escaping CO<sub>2</sub> gas. It can cause frostbite if allowed to come in contact with skin.
- Use .177 caliber (4.5 mm) pellets only. Never reuse ammunition.
- Do not shoot at hard surfaces or at the surface of water. The pellet 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. THINK about what you will hit if you miss the target.
- Do not attempt to disassemble or tamper with your air rifle. Use an Authorized Service Station for repair.
- Do not put the air rifle away loaded or charged with CO<sub>2</sub>. (See Step 3A and 4B)
- Always keep your CrosBlock® trigger block in place when storing this air rifle in a secure location. (See CrosBlock instructions packaged with this air rifle for assistance)

#### SPECIFICATIONS

Mechanism:	Bolt Action	Barrel:	Rifled steel
Caliber:	.177 caliber (4.5 mm)	Power:	
Ammunition:	.177 caliber (4.5 mm) lead air rifle pellet	Source:	12 gram CO <sub>2</sub> cartridge
Capacity:	Single shot	Safety:	Cross bolt
Weight:	4.8 lbs. (2.2 kg)	Muzzle:	
Overall Length:	39.75 in. (100.9 cm)	Energy:	7.5 joules maximum
Sights: Rear:	Peep, fully adjustable for windage and elevation		
Front:	Fixed		

#### PERFORMANCE

Operating air rifle below 70°F (21.1°C) will decrease the number of effective shots. The reverse is true for operating above 70°F (21.1°C). Many factors affect velocity, including brand of projectile, type of projectile, amount of CO<sub>2</sub> in cartridge, lubrication, barrel condition and temperature. Shooting more than 30 pellets per CO<sub>2</sub> cartridge may result in unsatisfactory accuracy due to lower velocities.

**WARNING:** Lead pellets - do not inhale pellet dust or put pellets in mouth. Wash hands after handling. Lead is a toxic substance listed under Ca. Prop. 65 as causing reproductive toxicity.

#### REPAIR SERVICE

If your air rifle needs repair, we recommend that you contact your dealer/distributor. DO NOT ATTEMPT TO DISASSEMBLE IT! Your air rifle requires special tools and fixtures to repair it. If you take it apart, you probably will not be able to reassemble it correctly. Crosman assumes no warranty responsibility under such circumstances.

#### NEED ASSISTANCE?

Please do not return this air rifle to the store. If you experience any problems with or have any questions about this air rifle, please contact our International Department at 1-800-724-7486, 716-657-6161 or www.crosman.com.

#### LIMITED ONE YEAR WARRANTY

This product is warranted to the retail consumer for one year from date of retail purchase against defects in material and workmanship and is transferable. To register the serial number of your air rifle, please return the Product Registration form found in your owner's manual packet. The warranty is not conditioned on the return of the card.

#### WHAT IS COVERED

Replacement parts and labor. Transportation charges to consumer for repaired product.

#### WHAT IS NOT COVERED

Transportation charges to Authorized Service Station for defective product. Damages caused by abuse or failure to perform normal maintenance. (See Step 7) Any other expense. CONSEQUENTIAL DAMAGES, INCIDENTAL 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

International Customers: Please return product to your dealer/distributor. If you do not know your dealer/distributor, please call 716-657-6161 and ask for our International Department for assistance.

#### IMPLIED WARRANTIES

ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO ONE YEAR 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.

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