



MODELS 66 AND 760 .177 Caliber (4.5 mm) Pellet/BB Pneumatic Air 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
P.O. Box 308
East Bloomfield, NY 14443

66A515

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 AIRGUN.

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

Lead pellets. Do not inhale dust or put pellets in mouth. Wash hands after handling. This product contains lead, a chemical known to the State of California to cause cancer and birth defects (or other reproductive harm.)

Congratulations and thank you for purchasing the CROSMAN® Model 66 or 760 .177 caliber (4.5mm) pellet/BB pneumatic air 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 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. Pumping Your Air Rifle
- Step 4. Loading and Unloading BBs

- Step 5. Loading and Unloading Pellets
- Step 6. Aiming and Firing Safely
- Step 7. Removing a Jammed BB or Pellet
- Step 8. Maintaining Your Air Rifle
- Step 9. 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.

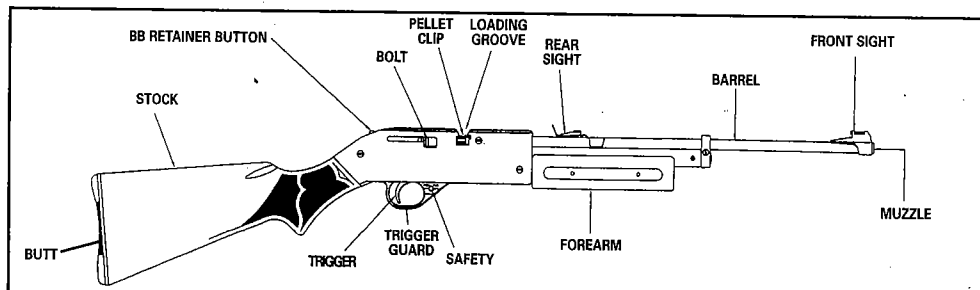


Fig. 1

Step 2. Operating the Safety

Keep the air rifle in the "ON SAFE" position until you are actually ready to shoot. Then push the safety to the "OFF SAFE" position.

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

- Locate the safety directly in front of the trigger.
- Push the safety from the left side all the way in (Fig. 2). The safety is not "On Safe" 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 anything you do not intend to shoot.

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

- Push the safety from the right side all the way in. When you can see the RED ring around the safety, the air rifle is "Off Safe" and can be fired.

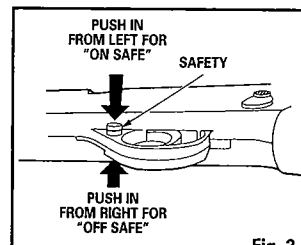


Fig. 2

Step 3. Pumping Your Air Rifle

Always hold the forearm firmly when opening and closing to prevent possible injury.

- Put the air rifle "On Safe" (See Step 2A).

Never pump your air rifle more than 10 times. Over-pumping gives only a slight increase in power, if at all, and can cause major damage to your air rifle. Pumping more than 10 times may also leave a small amount of air in the air rifle after it is fired which may allow you to fire a second shot without additional pumping.

- Open the forearm all the way until it stops (Fig. 3). Be sure to hold the forearm firmly as you open it. It could spring back into the closed position, possibly causing injury. Place your hands in the same positions shown in Fig. 3 in order to avoid being pinched, should you lose hold of the forearm. Do not twist the forearm while pumping. Use straight strokes to prevent breakage.
- Be sure to use at least two pumps (but no more than 10) to prevent the barrel from jamming with a BB or pellet remaining in the barrel after firing.
- Return the forearm to the original closed position with a smooth stroke. Be sure to hold the forearm firmly as you close it to prevent it from springing open and possibly causing injury.

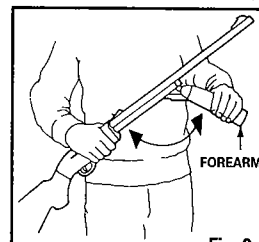


Fig. 3

Use BBs only when following Step 4 and use .177 pellets only when following Step 5. Never reuse ammunition. Use of any other ammunition can cause injury to you or damage to the air rifle.

Step 4. Loading and Unloading BBs

A. Loading BBs

- Put the air rifle "On Safe" (See Step 2A).
- Point the air rifle in a SAFE DIRECTION.
- Slide the loading port cover toward the rear of the air rifle (Fig. 4).
- Pour no more than 200 BBs into the reservoir hole. Do not put pellets in the reservoir hole because they will jam the reservoir.
- Close the loading port cover.
- Pull the BB retainer button back (Fig. 5).
- Point the barrel straight down.
- With a hand twisting motion, shake and twist the air rifle (See Fig. 5) to fill the visual magazine (See Fig. 6).
- Push the BB retainer button forward to keep the BBs in the magazine as shown in Fig. 6.
- With the barrel tilted downward, cock the bolt by pulling it all the way back and then pushing it all the way forward. The magnetic bolt will pick up a BB.
- Position the pellet clip so the bolt will feed through one of the pellet chambers in the clip. (See Fig. 6) (As you push the bolt forward slowly, you can see the BB move through the pellet clip) (See Fig. 6). The BB is now in position to be fired out of the barrel.

NOTE: BBs will not transfer from the magazine to the barrel if the rifle is tilted upward.

B. Unloading BBs

- Pump the air rifle (See Step 3), cock the bolt by pulling it all the way back and then pushing it all the way forward, point the air rifle in a SAFE DIRECTION and pull the trigger to fire. This will unload the BB from the magnetic bolt.
- Put the air rifle "On Safe" (See Step 2A).
- Pull the BB retainer button back (Fig. 7).
- Tilt the barrel upward.
- With a hand twisting motion, shake and twist the air rifle until ALL of the BBs are out of the visual magazine.
- Push the BB retainer button forward to block BBs from the visual magazine.
- Tilt the air rifle (barrel downward) and check to see if there are any BBs in the visual magazine. If there are still BBs in the visual magazine, repeat pumping, cocking the bolt, pointing in a SAFE DIRECTION and firing until the magazine is empty.

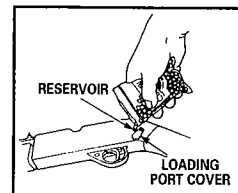


Fig. 4

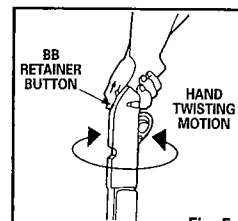


Fig. 5

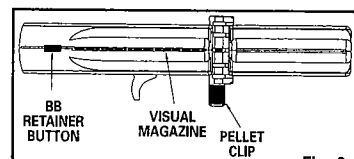


Fig. 6

- Pull the bolt all the way back and then slowly forward to see if there is a BB on the magnetic bolt.
- If there is a BB on the magnetic bolt, pump the air rifle (See Step 3), and cock the bolt by pulling it all the way back and then pushing it all the way forward.
- Point the air rifle in a SAFE DIRECTION, take "Off Safe" (See Step 2B) and fire. This will unload any BB from the magnetic bolt.
- Repeat this unloading procedure until no BBs are visible on the magnetic bolt.

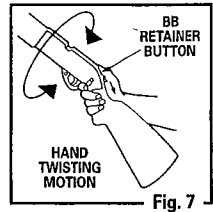


Fig. 7

Step 5. Loading and Unloading Pellets

A. Loading Pellets (use .177 caliber pellets only)

- **Unload all of the BBs from the air rifle (See Step 4B). DO NOT load a pellet when BBs are loaded in the air rifle. It may cause a jam.**
- Put the air rifle "On Safe" (See Step 2A).
- Point the air rifle in a SAFE DIRECTION.
- Pull the bolt all the way back.
- Grasp the pellet clip handle and remove it by pulling it to the right.
- Place a pellet (nose first), in each of the five pellet chambers (Fig. 8). **IMPORTANT:** To avoid jams or deforming pellets, make sure each pellet skirt is level or slightly below the rim of the pellet chamber.
- Replace the pellet clip, making sure to line up one of the pellet chambers with the barrel chamber (Fig. 9). **IMPORTANT:** If the pellet clip is not lined up properly, you will not be able to push the bolt forward.
- Push the bolt all the way forward. The pellet is now in a position to fire out of the barrel.
- Repeat lining up each pellet chamber with the barrel chamber.

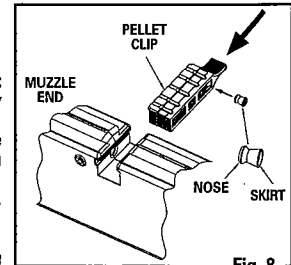


Fig. 8

B. Unloading Pellets

- With the air rifle "On Safe" (See Step 2A), pump the air rifle once (See Step 3) and cock the bolt by pulling it all the way back and pushing it forward.
- Take the air rifle "Off Safe" (See Step 2B), point the air rifle in a SAFE DIRECTION and pull the trigger to fire.
- Put the air rifle "On Safe" (See Step 2A).
- Remove the pellet clip (See Step 5A).
- Using a ramrod, gently push each pellet out of the clip. **IMPORTANT:** Never use sharp metal tools to remove pellets.
- Lay the clip aside.
- With the air rifle "On Safe" (See Step 2A), pump it once (See Step 3), cock the bolt by pulling it all the way back and pushing it forward, aim in a SAFE DIRECTION, take "Off Safe" (See Step 2B) and pull the trigger to fire.
- Another way of unloading the air rifle is to follow the directions listed under Step 7. - Removing a Jammed BB or Pellet.
- Put the empty clip back in your air rifle.

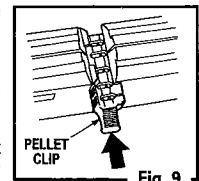


Fig. 9

Step 6. Aiming and Firing Safely

A. Aiming 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 pull 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 your 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 front sight blade is positioned exactly in the center of the notch in 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. 10).

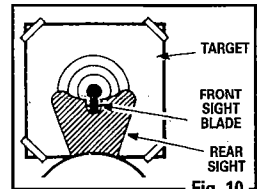


Fig. 10

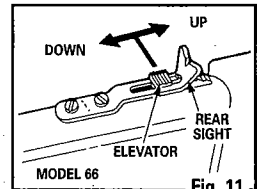


Fig. 11

B. Sight Adjustment

Model 66: The rear sight may be adjusted to shoot higher or lower (elevation). Move the rear sight elevator back to make the BB or pellet hit higher on the target. Move the rear sight elevator forward to make the BB or pellet hit lower on the target. When moving the elevator, slightly lift the rear sight and reset it on the desired notch in the elevator (Fig. 11).

The rear sight may also be adjusted to shoot right or left (windage). Loosen the windage adjustment screws by turning them counterclockwise. Move the sight to the right to make the BB or pellet hit to the right on the target. Move the sight to the left to make the BB or pellet hit to the left of the target. Then tighten the windage adjustment screws by turning them clockwise (Fig. 12).

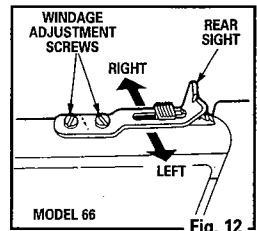


Fig. 12

Model 760: The rear sight may be adjusted to shoot higher or lower (elevation). Move the rear sight elevator back to make the BB or pellet hit higher on the target. Move the rear sight elevator forward to make the BB or pellet hit lower on the target. When moving the elevator, slightly lift the rear sight and reset it on the desired notch in the elevator (Fig. 13).

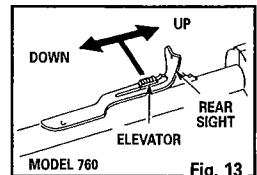


Fig. 13

Step 7. Removing a Jammed BB or Pellet

- Do not reload the air rifle.
- Put the air rifle "On Safe".
- Unload the BBs from the visual magazine (See Step 4B).
- Remove and unload the clip (See Step 5).
- With the air rifle "On Safe", open the bolt by pulling it all the way back, insert a ramrod into the barrel and carefully push the jammed pellet or BB into the loading groove. Do not try to reuse that pellet (Fig. 14).
- If you are not able to unjam your air rifle by following the unloading procedure, take no further action. Crosman Corporation or an Authorized Service Station will unjam your air rifle (no cost during the warranty period).

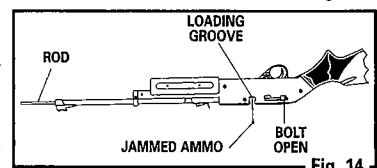


Fig. 14

Step 8. Maintaining Your Air rifle

- Your air rifle will work best if you oil it every 250 shots. Put 2 or 3 drops of Crosman 0241 Lubricating Oil on the pump pivot pins and the pump cup in the pump mechanism (Fig. 15). 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 the factory for assistance before using your air rifle again.

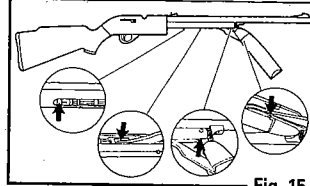


Fig. 15

Step 9. 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 is 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 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.
- Use BBs or .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.
- Do not attempt to disassemble or tamper with your air rifle. Use an Authorized Service Station or return it to the factory for repair.
- Do not put the air rifle away loaded. Make sure ALL of the BBs and pellets are unloaded from the air rifle (See Step 4B and 5B).
- 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	Sights:	Rear	Model 760:	Elevation adjustable
Caliber/Ammunition:	BB cal. (4.5 mm) Steel Airgun Shot © .177 cal. (4.5 mm) Lead Airgun Pellet ▶			Model 66:	Fully adjustable
Reservoir:	200 BBs		Front:		Fiber optic
Magazine:	18 BBs	Barrel:		Model 760:	Smooth Bore/Steel
Weight:	Model 66: 2 lbs. 15 oz. (1.34 kg) Model 760: 2 lbs. 12 oz. (1.25 kg)	Safety:		Model 66:	Rifled steel
		Power Source:			Cross bolt Pneumatic pump action
Length:	Model 66: 38.5 in. (97.8 cm) Model 760: 33.5 in. (85.09 cm)				

PERFORMANCE

Many factors affect velocity, including brand of projectile, type of projectile, lubrication, barrel condition and temperature.

Model 760 Muzzle Velocity			Model 66 Muzzle Velocity		
(FPS)	Projectile	Weight	(FPS)	Projectile	Weight
Up to 625	.177 BB	5.5 gr.	Up to 680	.177 BB	5.5 gr.
Up to 600	.177 Pellet	7.9 gr.	Up to 645	.177 Pellet	7.9 gr.

REPAIR SERVICE

If your air rifle needs repair, we recommend that you take or send it to an Authorized Service Station or Crosman Corporation. For an Authorized Service Station near you, visit our web site at www.crosman.com or call Customer Service at 1-800-724-7486 or 716-657-6161. (International customers should contact their 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.

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 (located on the receiver) of your gun, 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 Crosman or an Authorized Service Station for defective product. Damages caused by abuse or failure to perform normal maintenance (See Step 8). 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

USA Customers: Attach your name, address, description of problem, phone number and copy of sales receipt to product. Package and return to Crosman Corporation, Rts. 5&20, E. Bloomfield, NY 14443 or an Authorized Service Station.

Canadian Customers: Follow packaging procedures above and send to Crosman Parts & Service Depot, 427 Pido Road, P.O. Box 2421, Peterborough, Ontario K9J 7Y8 Canada.

International Customers: Please return product to your nearest distributor. If you do not know your 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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