



MODEL 2100W .177 CALIBER PNEUMATIC AIR RIFLE

OWNER'S MANUAL

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

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

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WARNING: NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. MAY BE DANGEROUS UP TO 475 YARDS (436 METERS).
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.

Congratulations and thank you for purchasing the Crosman Airguns Model 2100W .177 Caliber 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 us at 716-657-6161.

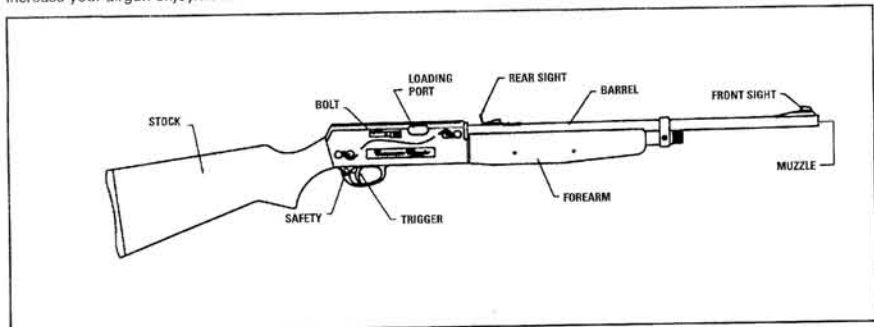
STEPS FOR SAFE SHOOTING

- Step 1. Learning the Parts of Your New Rifle
- Step 2. Operating the Safety
- Step 3. Pumping the Air Rifle
- Step 4. Loading and Unloading Pellets

- Step 5. Aiming and Firing Safely
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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 airgun enjoyment.



Step 2. Operating the Safety

A. To Put the Air Rifle "On Safe:"

- Locate the safety behind the trigger.
- Push the safety from the left side all the way in. (Fig. 1) 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."

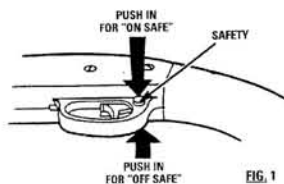
Even when the safety is "on safe," you should continue to handle the air rifle safely. Do not ever point the air rifle at any person. Do not ever point the air rifle at anything you do not intend to shoot.

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.

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



Step 3. Pumping the Air Rifle

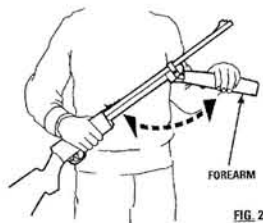
- A. Open the forearm all the way until it stops. (Fig. 2) Be sure to hold on to the forearm firmly as you open it. It could spring back into the closed position, possibly causing injury. Place your hands in the same positions shown in Fig. 2 in order to avoid being pinched should you lose hold of the forearm. Do not twist the forearm while pumping. Use straight strokes to prevent breakage.

- B. Be sure to use at least two pumps to prevent the barrel from jamming with a pellet.

WARNING: NEVER PUMP YOUR AIRGUN MORE THAN TEN TIMES. OVERPUMPING GIVES ONLY A SLIGHT INCREASE IN POWER AND CAN CAUSE MAJOR DAMAGE TO YOUR AIRGUN. PUMPING MORE THAN TEN TIMES MAY ALSO LEAVE A SMALL AMOUNT OF AIR IN THE AIRGUN WHICH MAY ALLOW YOU TO FIRE A SECOND SHOT WITHOUT ADDITIONAL PUMPING.

- C. Return the forearm to the original closed position with a smooth stroke. Be sure to hold on to the forearm firmly as you close it to prevent it from springing open and possibly causing injury.

WARNING: ALWAYS HOLD ON TO THE FOREARM FIRMLY WHEN OPENING AND CLOSING TO PREVENT POSSIBLE INJURY.



Step 4. Loading and Unloading Pellets

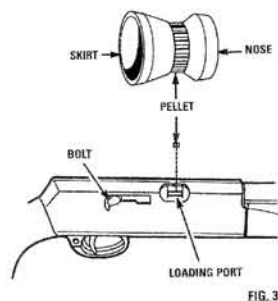
WARNING: USE .177 CALIBER PELLETS ONLY. NEVER REUSE AMMUNITION. USE OF ANY OTHER AMMUNITION CAN CAUSE INJURY TO YOU OR DAMAGE TO THE AIR RIFLE.

A. Loading Pellets

- Put the rifle "on safe." (See Step 2A)
- Point the rifle in a SAFE DIRECTION.
- Cock and close the bolt by pulling it all the way back. (Fig. 3)
- Place one pellet, nose first, into the loading port (breach) (Fig. 3). This is a single shot pellet rifle. Load no more than one pellet at a time.
- Push the bolt all the way forward. The pellet is now in a position to fire out the barrel.

B. Unloading Pellets

- Aim the air rifle in a SAFE DIRECTION.
- Pump the rifle. (See Step 3)
- Cock and close the bolt. (See Step 4A)
- Take "off safe" (See Step 2B) and fire.
- You may also unload your 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 targets 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. Stop using any 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 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. 4)

B. Sight Adjustment

The rear sight may be adjusted to shoot higher or lower (elevation). Move the rear sight elevator forward to make the pellet hit higher on the target. Move the rear sight elevator backward to make the 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. 5)

The rear sight may also be adjusted to shoot right or left (windage). Loosen the windage adjustment screws by turning them counterclockwise. To make the pellet hit further to the right on the target, move the sight to the right. To make the pellet hit further to the left on the target, move the sight to the left. Then tighten the windage adjustment screws by turning them clockwise. (Fig. 6)

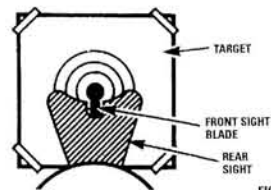


FIG. 4

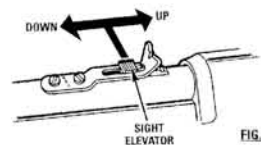


FIG. 5

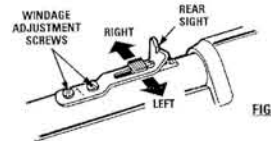


FIG. 6

Step 6. Removing a Jammed Pellet

- Put the air rifle "on safe." (See Step 2A)
- Pump the rifle 10 times. (See Step 3)
- Cock and close the bolt. (See Step 4A)
- Aim in a SAFE DIRECTION, take "off safe" (see Step 2B) and fire.
- Put the rifle "on safe" (See Step 2A)
- Open the bolt.

- Insert a cleaning rod or ramrod of the proper size, into the barrel. (start at the muzzle)
- Push the jammed pellet into the pellet loading port (forward of the bolt) (Fig. 7)
- 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. Crosman Corporation or an Authorized Service Station will unjam your air rifle (no cost during the warranty period).

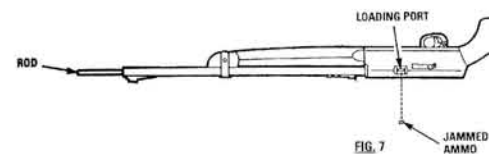


FIG. 7

Step 7. Maintaining Your Air Rifle

- Your air rifle will work best if you oil it every 250 shots. Only the pump pivot pins and the oil retainer in the pump mechanism should be oiled LIGHTLY with one or two drops of Crosman #0241 Lubricating Oil. Do not over-oil as this can cause damage to your air rifle. (Fig. 8) DO NOT use gun oil or any other oil which contains solvents. The barrel may be wiped with a lightly oiled cloth after each use to prevent rust.

- If the accuracy of your rifle falls off, run a firm but free fitting patch through the barrel.
- Tampering with the air rifle or attempts to change the air rifle in any way may make it unsafe to use.
- 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 the airgun 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 were 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.
- You and others with you should always wear shooting glasses to protect your eyes.
- Use .177 caliber 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.
- Stop using a backstop if it becomes worn. Place 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.
- Always check to see if the air rifle is "on safe" and unloaded when getting it from another person or from storage.
- Do not put the air rifle away loaded.

SPECIFICATIONS

Mechanism:	Bolt Action
Caliber:	.177 caliber
Ammunition:	.177 caliber (4.5 mm) Lead Airgun Pellet
Weight:	4 lbs. 12 oz. (2.15kg)
Overall Length:	39" (99.1 cm)
Sights:	
Rear:	Open, fully adjustable for windage and elevation
Front:	High ramp blade
Barrel:	20.79" (52.81 cm) rifled steel
Power Source:	Pneumatic pump action
Safety:	Cross Bolt
Stock and Forearm:	American Walnut
Velocity:	
Pumps:	Muzzle Velocity (FPS)
3	420-480
6	565-635
10	660-755

PERFORMANCE

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

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 take or send it to Crosman Corporation. 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.

A SPECIAL CUSTOMER SERVICE

Crosman Corporation will unjam your air rifle at no cost during the warranty period.

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 call our Customer Service Department. Telephone numbers for assistance or accessory orders are included on the Service Station Listing packaged with this airgun.

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 gun, please return the airgun registration form. 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 Corporation 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

USA Customers: Attach your name, address, description of problem, phone number and copy of sales receipt to product. Package and return (Postal regulations prohibit shipping airguns via U.S. Mail) to Crosman Corporation, Rts. 5 & 20, E. Bloomfield, NY 14443.

Canadian Customers: Follow packaging procedure above and send to Crosman Parts & Service Dept, 427 Pido Road, P.O. Box 2421, Peterborough, ON Canada K9J 6X7.

International Customers: Please return product to your nearest distributor. If you do not know your distributor, please call 716-657-6161 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.