

OWNER'S MANUAL

MULTI-SHOT, SEMI-AUTO CO₂ POWERED AIR RIFLE

4.5 mm BB

READ ALL INSTRUCTIONS AND WARNINGS BEFORE USING

Crosman Corporation
7629 Routes 5 & 20
Bloomfield, NY 14469
United States of America
www.crosman.com
1-800-7AIRGUN (724-7486)

Manual Part number AK-515

If you have questions contact Crosman at 1-800-724-7486, 585-657-6161 or www.crosman.com.

REMEMBER, THIS AIR RIFLE IS NOT A TOY. ALWAYS TREAT THE AIR RIFLE 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 air rifle is not a toy. Therefore, if you purchased this air rifle for use by a younger shooter, please make certain he or she operates it under the supervision of an adult.

We are concerned that all users learn to use this gun properly without injury to themselves or others. You may be able to obtain further information for instruction in shooting from one or more of the following groups: Boy Scouts of America, National Rifle Association, conservation clubs, gun clubs, 4-H Clubs, hunter safety groups, or write to Crosman Corporation, Rts 5 & 20, Bloomfield NY 14469. For more information on Crosman products and accessories visit our website at www.crosman.com

WARNING: NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE OR CARELESS USE MAY RESULT IN SERIOUS INJURY OR DEATH. DANGEROUS WITHIN 300 YARDS (274 METERS)

THIS AIR PISTOL IS INTENDED FOR USE BY THOSE 16 YEARS 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 AIR RIFLE.

WARNING: DO NOT BRANDISH OR DISPLAY THIS AIR RIFLE 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.

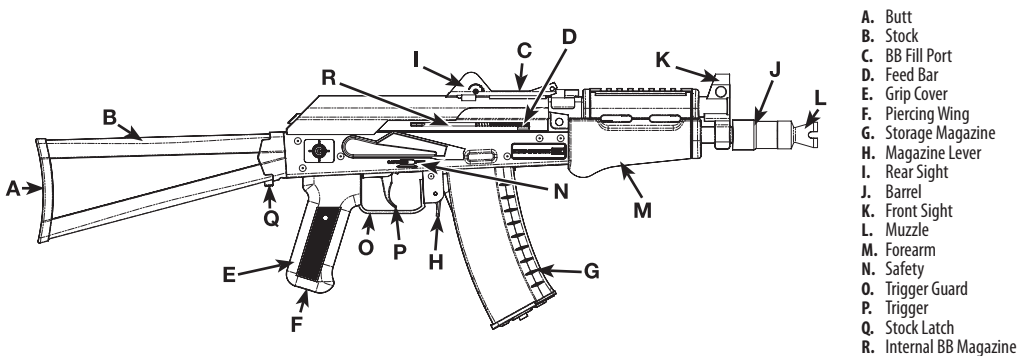
PROPOSITION 65 WARNING: THIS PRODUCT CONTAINS ONE OR MORE CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS (OR OTHER REPRODUCTIVE HARM).

1. IMPORTANT SAFETY INFORMATION

- ALWAYS treat the air rifle as though it is loaded and ready to fire.
- ALWAYS treat air rifles with the same respect you would a firearm.
- ALWAYS store the air rifle unloaded and away from children.
- ALWAYS aim in a SAFE DIRECTION.
- ALWAYS keep the muzzle of the air rifle 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 air rifle "ON SAFE" until you are ready to shoot (Figure 2).
- ALWAYS check to see if the air rifle is "ON SAFE" (Figure 2) and unloaded when removing it from storage.
- ALWAYS check to see if the air rifle 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. 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 ammunition in your air rifle. Check the markings on your air rifle to verify the BBs size.
- NEVER point the air rifle 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 pellet may bounce off or ricochet and hit someone or something you had not intended to hit.
- NEVER attempt to disassemble or tamper with your air rifle. Use an Authorized Service Station. Using an unauthorized service or repair center, or modifying the function of your air rifle in any way, may be unsafe and will void your warranty.

2. LEARN THE PARTS

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



3. OPERATING THE SAFETY

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

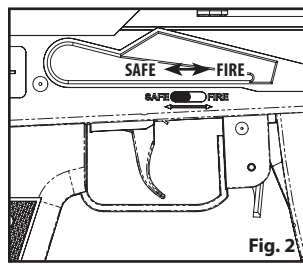
A. To put the air rifle "ON SAFE"

- Locate the safety directly above of the trigger on the right side of the air rifle (Fig. 2).
- Slide the safety toward the rear of the rifle.
- The safety is ON and the air rifle is "ON SAFE" when the safety is pushed firmly toward "SAFE".
- The safety is not "ON SAFE" unless it is pushed completely to the rear.

B. To take the air rifle "OFF SAFE" and put it in the "FIRE" position

- Slide the safety forward toward the "FIRE" for FIRE or "OFF SAFE."
- When the safety button on the right side of the air rifle is all the way forward, it is "OFF SAFE" and can be fired (Fig. 2).

C. You should not take the air rifle "OFF SAFE" until after you have read and followed the instructions in this manual on how to load.



WARNING: 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.

4. INSTALLING AND REMOVING THE CO₂ CARTRIDGE

WARNING:

- CO₂ CYLINDERS 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 CYLINDERS AT TEMPERATURES ABOVE 120°F (48.9°C).
- ALWAYS MAKE SURE THE CO₂ CARTRIDGE IS EMPTY BEFORE ATTEMPTING TO REMOVE IT FROM THE AIR RIFLE 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 rifle. Other brands of CO₂ cartridges may not fit properly and may result in injury to you or damage to your air rifle.
- Do not store your air rifle with a CO₂ cartridge in it. Doing so can cause damage to the seals.

A. Installing a New CO₂ Cartridge

- Put the air rifle "ON SAFE" (Fig. 2).
- Make sure the air rifle is UNLOADED and POINTED IN A SAFE DIRECTION.
- Remove the grip cover(s) from the left side of the air rifle by lifting it at the Finger Notch indentation on the bottom of the grip (Fig. 3A).
- Turn the piercing wing (Fig. 3B) counter-clockwise to allow for clearance of the CO₂ cartridge. The right hand grip cover can also be removed if more room is needed to turn the piercing wing.
- Put 1 drop of Crosman 0241 Pellgunoil® on the tip of every CO₂ cylinder in order to properly maintain your air rifle (See Section 7 – Maintenance).
- Insert a new CO₂ cartridge into the air rifle, small neck first, pointing toward the piercing assembly (Fig. 4).
- 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 screw slightly more. Be careful not to over-tighten when piercing.

CAUTION: Over-tightening the CO₂ cartridge can damage the cartridge housing and cause injury to you or damage to your air rifle.

- 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 rifle does not make a popping noise after pulling the trigger, the CO₂ is not being discharged. In that event, tighten the piercing wing or lever a little more, point the air rifle in a SAFE DIRECTION, and pull the trigger until there is a popping noise, which means the air rifle is releasing CO₂ with each pull of the trigger.

B. Removing the CO₂ Cartridge

- Put the air rifle "ON SAFE" (Fig. 2).
- Make sure the air rifle is UNLOADED and POINTED IN A SAFE DIRECTION.
- Remove the grip cover(s) from the left side of the air rifle by lifting it at the Finger Notch on the bottom of the grip. The right hand grip cover can also be removed if more room is needed to turn the piercing wing.
- 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.
- Snap the grip cover(s) back into the closed position.

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 YOUR AIR RIFLE

CAUTION:

- Your air rifle was designed to function best with Crosman® or Copperhead® branded 4.5 mm BBs.
- Use of any other ammunition may cause injury to you or damage to the air rifle.
- Never reuse ammunition.
- Read this entire manual, including the section on reviewing safety, before firing your air rifle.

A. Loading BBs:

CAUTION: Fill the BB reservoir with BBs only. Use of pellets will jam the BB reservoir.

- Load BBs into the reservoir
 - Put the air rifle "ON SAFE" (Fig. 3.1).
 - Point the air rifle in a SAFE DIRECTION.
 - Locate the BB Fill Port on the top of the receiver in front of the rear sight (Fig. 5A).
 - Slide the BB Fill Port button open (Fig. 5A).
 - Pour no more than 150 BBs into the BB reservoir through the BB Fill Port. Close the BB Fill Port.
- Load BBs into the internal BB magazine from the reservoir

IMPORTANT: In order for BBs to fire, they may transfer from the reservoir to the internal BB magazine.

- Ensure the BB Fill Port is closed (Fig. 5B).
- Slide the Feed Bar forward and down into the locked position (Fig. 5C).
- Point the air rifle in a SAFE DIRECTION
- Using a back and forth motion, rock the air rifle to fill the internal BB magazine (Fig. 5D).

IMPORTANT: BBs will only transfer from the reservoir to the internal magazine if the Feed Bar is locked forward and the air rifle is gently rocked back and forth

- To keep BBs from transferring back into the BB reservoir after loading them into the internal BB magazine, release the Feed Bar into the Closed position (Fig. 5E). In the Closed position, BBs remain in the internal BB magazine and will not roll back into the BB reservoir.

B. Unloading BBs:

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

IMPORTANT: To completely unload BBs, they must be removed from two areas of the air rifle, the internal magazine and the reservoir.

1. Internal Magazine

- Put the air rifle "ON SAFE" (Fig. 3.1).
- Point the air rifle in a SAFE DIRECTION.
- Slide the Feed Bar forward and down into the locked position (Fig. 5C).
- Flip the air rifle upside down so the BB Fill Port is pointing down.
- Using a back and forth motion, rock the air rifle to move the BBs from the internal BB magazine to the Reservoir. (Fig. 5D).

IMPORTANT: If you still see BBs in the internal BB magazine, continue gently rocking the air rifle until they transfer into the BB reservoir. DO NOT ASSUME ALL BBs ARE REMOVED FROM THE MAGAZINE WHEN THEY ARE NO LONGER VISIBLE. ALWAYS TREAT YOUR AIR RIFLE AS IF IT IS LOADED.

2. Reservoir

- Ensure the Feed Bar is in the CLOSED position (Fig. 5C) to block the BBs from re-entering the internal magazine.
- Turn the gun so the BB Fill Port is facing down.
- Gently rock the gun until all the BBs fall out of the BB Fill Port and you no longer hear them in the air rifle.

6. AIMING AND FIRING SAFELY

CAUTION:

- REMEMBER, choose your targets carefully and be sure that the area around the target is clear
- THINK what you will hit if you miss the target!
- Do not store your gun cocked or loaded.
- You and others with you should always wear shooting glasses to protect your eyes.

A. Aiming the Air Rifle

- Your air rifle is designed for target shooting and is suited for both indoor and outdoor use.
- Follow the instructions for loading CO₂ (Section 4) and loading ammo (Section 5)
- The air rifle is correctly aimed when the front sight post is positioned exactly in the center of the notch of the rear sight. The bulls-eye should appear to rest on the top of the front sight (Fig. 6).

B. Firing the Air Rifle

- When you are sure of your target and backstop, and the area around the target is clear, take the air rifle "OFF SAFE" (Fig. 2) and pull the trigger to fire.
- Do not re-use ammo because it could cause damage to your air rifle.

C. Sight Adjustment

- The rear notch 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 BB hit higher on the target. Move the sight down to make the BB 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). Turn the windage adjustment screw to move the rear sight to the right or left. Move the sight to the right to make the BB hit to the right or move the sight to the left to make the BB hit to the left. (Fig. 6).

7. MAINTENANCE

WARNING:

- DO NOT ATTEMPT TO DISASSEMBLE YOUR AIR RIFLE.
- DO NOT MODIFY OR ALTER YOUR AIR RIFLE. ATTEMPTS TO MODIFY THE AIR RIFLE IN ANY WAY INCONSISTENT WITH THIS MANUAL MAY MAKE YOUR AIR RIFLE UNSAFE TO USE, CAUSE SERIOUS INJURY OR DEATH, AND WILL VOID THE WARRANTY.
- DO NOT OVER-OIL. TO DO SO CAN CAUSE POSSIBLE DAMAGE TO THE GUN AND INJURY TO THE SHOOTER AND BYSTANDERS.

A. General Maintenance

- Before you attempt to oil your air rifle, make sure the gun is unloaded and the CO₂ cylinder has been removed.
- Putting a drop of Pellgunoil® on the tip of every CO₂ cylinder will help to maintain your air rifle. DO NOT use petroleum distillate based oil or solvent and DO NOT over-oil as this can cause damage to your air rifle and possible injury to the shooter and bystanders.
- If you drop the air rifle, visually inspect for damage before using again.
- Periodically check your air rifle. If anything seems changed, like a shorter or weaker trigger pull, this may mean worn out or broken parts. Call customer service for assistance before using your air rifle again 1-800-7AIRGUN (1-800-724-7486) Monday through Friday 8-4:30 PM EST.

8. ACCESSORIES

A. Storage Magazine

- Storage Magazine holds BBs and CO₂ cartridge. To access the Storage Magazine, push the Magazine Lever toward the magazine then gently rock the magazine forward and away from the gun.
- The Storage Magazine door opens by lightly lifting up on the top cover and can be used to store BBs and CO₂ (Fig. 7).

B. Removable Stock

- To install the stock, line the stock up with the grooves at the back of the rifle. With the stock in the position shown (Fig. 8), push the stock down until it locks into place.
- To remove the Stock, pull the Stock Latch release button toward the back of the stock. Push the stock upward until it has cleared the attachment grooves.

9. TROUBLESHOOTING – If you experience low velocity, please try the following tip:

- 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 rifle was designed to function best with CROSMAN® and COPPERHEAD® branded ammunition. Use of other ammunition may cause the air pistol to malfunction.

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. You should retain the original sales receipt as record of date of purchase. If no receipt, the product is warranted for one year from date of manufacture.

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, modification or failure to perform normal maintenance – see Owner's Manual.
- Any other expense.
- CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, OR INCIDENTAL EXPENSES INCLUDING DAMAGE TO PROPERTY. SOME LOCAL, STATE OR FEDERAL LAWS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

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 have other rights, which vary, from state to state.

STOP – BEFORE YOU RETURN THIS PRODUCT TO THE STORE

Save on gas and avoid the trip back to the store. Contact our Customer Service/Technical Support representatives for information and trouble-shooting help. Call 1-800-7AIRGUN (1-800-724-7486) or find answers to frequently asked questions at www.crosman.com.

WARRANTY CLAIM AND REPAIR SERVICE

If your air gun needs repair – DO NOT ATTEMPT TO DISASSEMBLE IT! Your air gun requires special tools and fixtures to repair it. Any disassembly or modification not performed by a Crosman Authorized Service Center will void the warranty.

U.S. Customers – Contact Crosman Customer Service at 800-724-7486 or email us via www.crosman.com. You will be instructed where and how to send your air gun in for repair under warranty or referred to one of our authorized service centers in your area.

Crosman Corporation
Attn: Warranty Dept.
7629 Route 5 & 20
Bloomfield, NY 14469

Include with your product a copy of your receipt and a brief description of the problem. Be sure to indicate your name, mailing address, email address and telephone number. Allow 2-4 weeks for repairs. We recommend you use a method of shipping that provides you with a tracking number and insurance options. Crosman is not liable for any damaged, lost or stolen merchandise during shipping.

Canadian Customers – Contact the Gravel Agency, in Quebec at 866-662-4869.

Outside U.S. Customers – Please contact your point of purchase dealer/distributor. If you do not know your dealer/distributor, contact our International Dept. for assistance at 585-657-6161 or email us via www.crosman.com.

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