Crosman CAK1

Crosman CAK1 Full or Semi-Auto 4.5mm BB Air Rifle

User Instruction Manual

1. Introduction

This manual provides essential information for the safe and effective operation, maintenance, and care of your Crosman CAK1 Full or Semi-Auto 4.5mm BB Air Rifle. Please read this manual thoroughly before using the air rifle and retain it for future reference. The Crosman CAK1 offers both full-auto and semi-auto firing options, powered by dual CO2 powerlets, capable of firing BBs at up to 430 feet per second (FPS) and a rate of 1400 rounds per minute. It features a 28-round removable magazine and a foldable/adjustable buttstock for enhanced user experience.

Key Features:

- Full-Auto and Semi-Auto CO2-powered BB air rifle.
- Fires BBs up to 430 FPS, achieving over 1400 rounds per minute.
- Full-size, realistic feel with durable synthetic design.
- 28-round drop-out magazine, designed to hold two CO2 cartridges (not included).
- Foldable and adjustable buttstock with stock tube, pistol grip, and quad-mounting rail system.

2. Safety Information

WARNING: This is not a toy. Misuse or careless use may cause serious injury or death. Always follow all safety rules. Read and understand all instructions before using this air rifle. Always wear eye protection. This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

General Safety Rules:

- **ALWAYS** treat every air gun as if it were loaded.
- **ALWAYS** keep the muzzle pointed in a safe direction.
- **ALWAYS** keep your finger off the trigger until ready to shoot.
- **ALWAYS** be sure of your target and what is beyond it.
- **ALWAYS** wear safety glasses or goggles when shooting.
- **NEVER** point an air gun at anything you do not intend to shoot.

- **NEVER** shoot at hard surfaces or water, as BBs can ricochet.
- Store air guns and ammunition separately and securely, out of reach of children.
- Do not alter or modify the air rifle.

3. Package Contents

Upon opening the package, please verify that all components are present and undamaged. The Crosman CAK1 Full or Semi-Auto 4.5mm BB Air Rifle package should include:

- Crosman CAK1 Full or Semi-Auto 4.5mm BB Air Rifle
- 28-round drop-out magazine

Note: CO2 cartridges and 4.5mm BBs are not included and must be purchased separately.

4. Setup

4.1 Loading CO2 Cartridges

The Crosman CAK1 is powered by two 12-gram CO2 cartridges, which are housed within the removable magazine. Ensure the air rifle is unloaded and the safety is engaged before proceeding.

1. Remove the magazine from the air rifle by pressing the magazine release button, typically located near the trigger guard.
2. Locate the CO2 compartment cover at the bottom of the magazine. Slide or unlatch the cover to open it.
3. Insert two 12-gram CO2 cartridges into the designated slots within the magazine. Ensure they are inserted with the narrow neck facing upwards, towards the piercing mechanism.
4. Close the CO2 compartment cover securely. The cartridges will be pierced when the magazine is fully inserted into the air rifle, or by a separate piercing mechanism if present on the magazine itself. Listen for a slight hiss, indicating the CO2 has been pierced and sealed.



Image: The removable magazine of the Crosman CAK1, showing the compartment for two 12-gram CO2 cartridges.

4.2 Loading BBs

The CAK1 uses 4.5mm steel BBs. The magazine has a capacity of 28 rounds.

1. With the magazine removed from the air rifle, locate the BB loading port. This is typically a spring-loaded follower that can be pulled down.
2. Pull the BB follower down to its lowest position and lock it into place if a locking notch is available.
3. Carefully pour 4.5mm steel BBs into the loading port until the magazine is full (up to 28 BBs). Do not overfill.
4. Release the BB follower slowly to allow the BBs to settle into the magazine channel.
5. Insert the loaded magazine firmly into the air rifle until it clicks into place.

5. Operating Instructions

Always ensure you are in a safe shooting environment and wearing appropriate eye protection before operating the air rifle.

5.1 Firing Modes (Full-Auto / Semi-Auto)

The Crosman CAK1 features a selector switch to choose between semi-automatic and full-automatic firing modes.

- **Semi-Automatic:** In this mode, each pull of the trigger fires a single BB. This is suitable for precise shooting and conserving ammunition.

- **Full-Automatic:** In this mode, the air rifle will continue to fire BBs as long as the trigger is held down and ammunition is available. This provides a high rate of fire.

Locate the selector switch on the side of the air rifle, typically above the trigger guard. Move the switch to the desired firing mode setting.

5.2 Firing the Air Rifle

1. Ensure the air rifle is loaded with CO2 and BBs.
2. Point the air rifle in a safe direction, towards your designated target.
3. Disengage the safety mechanism.
4. Select your desired firing mode (semi-auto or full-auto).
5. Place your finger on the trigger and squeeze gently to fire. For full-auto, hold the trigger down.
6. After firing, engage the safety mechanism immediately.



Image: The Crosman CAK1 Full or Semi-Auto 4.5mm BB Air Rifle, ready for operation.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Crosman CAK1 air rifle.

- **Cleaning:** After each use, wipe down the exterior of the air rifle with a clean, dry cloth to remove dirt and moisture. Periodically clean the barrel using a suitable cleaning rod and patches. Avoid using harsh chemicals that may damage the finish or internal components.
- **Lubrication:** Apply a drop of silicone-based airgun oil to the CO2 piercing pin and any moving parts as recommended by Crosman. Do not use petroleum-based oils, as they can damage seals.
- **Storage:** Store the air rifle in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure it is unloaded and the safety is engaged before storage. Keep it out of reach of children and unauthorized users.
- **CO2 Cartridges:** Always remove CO2 cartridges from the air rifle and magazine when not in use to prevent seal wear and gas leakage.

7. Troubleshooting

This section addresses common issues you might encounter with your Crosman CAK1 air rifle.

Problem	Possible Cause	Solution
Air rifle not firing or low power	No CO2 or empty CO2 cartridges; BBs jammed; Magazine not seated correctly.	Replace CO2 cartridges; Clear any BB jams (ensure air rifle is unloaded and safe); Re-insert magazine firmly.
BBs not feeding	Magazine improperly loaded; Damaged BBs; Magazine spring issue.	Ensure BBs are loaded correctly and follower is released; Use only high-quality 4.5mm steel BBs; Inspect magazine for damage.
Gas leakage	CO2 cartridge not fully pierced; Worn or damaged seals.	Ensure CO2 cartridges are inserted correctly and pierced; If leakage persists, contact Crosman customer support for seal replacement or repair.
Selector switch not working	Internal mechanism issue.	Do not attempt to force the switch. Contact Crosman customer support.

8. Specifications

Detailed technical specifications for the Crosman CAK1 Full or Semi-Auto 4.5mm BB Air Rifle.

Feature	Detail
Model Name	Crosman CAK1 Full or Semi-Auto CO2-Powered 4.5mm BB Air Rifle
Part Number	CAK1
Caliber	4.5mm (.177) BB
Power Source	Two 12-gram CO2 cartridges
Muzzle Velocity	Up to 430 FPS (feet per second)
Rate of Fire	Up to 1400 rounds per minute (full-auto)
Magazine Capacity	28 rounds
Firing Modes	Full-Auto, Semi-Auto
Barrel Material	Alloy Steel
Frame Material	Plastic
Product Dimensions (L x W x H)	Approx. 1"L x 1"W x 1"H (Note: This appears to be a placeholder, refer to actual product for accurate dimensions)
Item Weight	8 Pounds
Color	Black
UPC	028478153271

9. Warranty and Support

9.1 Warranty Information

The Crosman CAK1 Full or Semi-Auto 4.5mm BB Air Rifle comes with a **1-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included with your product or visit the official Crosman website.

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Crosman customer support. You can find contact information and additional resources by visiting the official Crosman website or their Amazon Brand Store: Visit the Crosman Store on Amazon

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