Crosman CFAMP1L

Crosman CFAMP1L Full Auto P1 CO2-Powered BB Air Pistol User Manual

Model: CFAMP1L | Brand: Crosman

1. Introduction

The Crosman Full Auto P1 BB Air Pistol is designed for recreational shooting, offering both full and semi-automatic firing modes. This pistol features a realistic weight and feel, making it suitable for plinking and developing marksmanship fundamentals. Constructed with a full-size, all-metal frame, it utilizes 12-gram CO2 cartridges to propel BBs at velocities up to 400 feet per second, with a cyclic rate of up to 850 rounds per minute. Key features include realistic blowback action, a removable 19-round magazine that also houses the CO2 cartridge, an accessory rail, and a removable red laser sight.

2. Safety Information

WARNING: This is not a toy. Misuse or careless use may cause serious injury or death. Always read and understand the owner's manual before use. Always wear eye protection when handling or shooting airguns.

- Always treat every airgun as if it were loaded.
- Keep the muzzle pointed in a safe direction at all times.
- Keep your finger off the trigger until you are ready to shoot.
- Be sure of your target and what is beyond it.
- CO2 cartridges are not included and are sold separately.
- Do not keep CO2 cartridges engaged for more than 24 hours to prevent potential damage to seals.

3. Components and Included Items

The Crosman CFAMP1L Full Auto P1 BB Air Pistol comes with the following components:

- Crosman CFAMP1L Full Auto P1 BB Air Pistol
- 19-Round Removable Magazine

- Red Light Laser Sight (Accessory Rail-Mounted)
- 4.5mm Steel BBs (250 BBs included)
- Allen Wrenches for adjustments
- Fixed Blade Front Sight and Rear Sight



Figure 3.1: Crosman CFAMP1L BB Air Pistol with its accessories, including the magazine, a bag of BBs, the red laser sight, and adjustment tools.

4. Setup

4.1 CO2 Cartridge Installation

1. Ensure the pistol is on SAFE and the muzzle is pointed in a safe direction.
2. Remove the 19-round magazine from the pistol.
3. Locate the CO2 cartridge housing within the magazine.
4. Insert one 12-gram CO2 cartridge into the housing. It is recommended to apply a drop of pellgun oil to the tip of the CO2 cartridge before insertion to help maintain seal integrity.
5. Tighten the CO2 retention screw until the cartridge is pierced and sealed. Do not overtighten.

4.2 BB Loading

1. With the magazine removed, pull down the BB follower until it locks into place.
2. Load 4.5mm steel BBs into the magazine's loading port. The magazine has a capacity of 19 rounds.
3. Release the BB follower to secure the BBs.

4. Reinsert the loaded magazine into the pistol until it clicks securely into place.

4.3 Laser Sight Installation and Adjustment

1. The red laser sight attaches to the accessory rail located under the barrel.
2. Slide the laser sight onto the rail and secure it using the provided screws or clamps.
3. Use the included allen wrenches to adjust the laser for windage and elevation to align with your point of impact.



Figure 4.1: The Crosman CFAMP1L pistol shown with its magazine removed, alongside loose BBs and a 12-gram CO2 cartridge, illustrating components for setup.

5. Operating Instructions

5.1 Firing Modes

- **Semi-Automatic:** Each pull of the trigger fires one BB. This mode is ideal for precise target practice.
- **Full-Automatic:** Holding the trigger down will continuously fire BBs until the magazine is empty or the trigger is released. This mode offers a high rate of fire, up to 850 rounds per minute.

5.2 Safety Mechanism

The pistol features an ergonomically placed thumb safety. Always engage the safety when the pistol is not in use or when handling it. Disengage the safety only when you are ready to fire and your target is clear.

5.3 Blowback Action

The realistic blowback action simulates the recoil of a firearm, enhancing the shooting experience. The slide will cycle with each shot, providing a tactile feedback. In full-auto mode, the blowback action is continuous.



Figure 5.1: The Crosman CFAMP1L Full Auto P1 BB Air Pistol, ready for operation with its laser sight.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Crosman CFAMP1L air pistol.

- **Lubrication:** Apply a drop of pellgun oil to the tip of each new CO2 cartridge before insertion. This helps to lubricate the internal seals and prevent wear.
- **Cleaning:** Periodically clean the exterior of the pistol with a soft, dry cloth. Ensure no debris enters the barrel or internal mechanisms.
- **Storage:** Store the air pistol in a cool, dry place, away from direct sunlight and out of reach of children. Always remove the CO2 cartridge before storing for extended periods.

7. Troubleshooting

If you encounter issues with your Crosman CFAMP1L air pistol, consider the following common troubleshooting steps:

- **No BBs Firing:**
  - Check if the CO2 cartridge is properly installed and pierced.
  - Ensure the magazine is loaded with BBs and correctly inserted.
  - Verify the safety is disengaged.
- **Low Velocity/Weak Shots:**
  - The CO2 cartridge may be running low or empty. Replace it with a new one.

- Ensure the CO2 cartridge is properly sealed and not leaking.

- **Slide Not Cycling Properly:**
  - This could indicate a low CO2 level.
  - Ensure the slide is free of obstructions and clean.
  - If the issue persists after checking CO2 and cleaning, internal components may be damaged.

For persistent issues not resolved by these steps, please refer to the Warranty and Support section for manufacturer contact information.

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Video 7.1: Official product video demonstrating the Crosman CFAMP1L Full Auto P1 CO2 Powered Blowback BB Air Pistol with Laser Sight. This video showcases the pistol's features and operation.

8. Specifications

Feature	Detail
Brand	Crosman
Model Name	Crosman® CFAMP1L Full Auto P1 CO2 Powered Blowback BB Air Pistol
Part Number	CFAMP1L
Color	Black/Red
Air Gun Power Type	CO2 (12-gram cartridge)
Caliber	4.5mm (.177 cal) Steel BBs
Rounds Capacity	19
Velocity	Up to 400 fps
Rate of Fire	Up to 850 rounds per minute (Full Auto)
Mechanism	Blowback
Frame Material	Metal
Barrel Material Type	Metal (Smooth bore)
Product Dimensions (LxWxH)	7.75" x 1.75" x 6.5"
Item Weight	12 Grams
Laser Class	Class IIIA (<5mW power output)
Suggested Users	Unisex-adult
Date First Available	September 13, 2019

9. Warranty and Support

The Crosman CFAMP1L Full Auto P1 CO2-Powered BB Air Pistol comes with a**1-Year Limited Warranty** from the

manufacturer. For warranty claims, technical support, or inquiries regarding replacement parts, please visit the official Crosman website or contact their customer service department. Retain your proof of purchase for warranty validation.

For additional resources and product information, you may visit theCrosman Store on Amazon.

10. Additional Product Views



Figure 10.1: Product packaging showcasing key features and specifications of the Crosman CFAMP1L.



Figure 10.2: Side view of the pistol, displaying warning labels and the laser sight attachment.



Figure 10.3: The air pistol and CO2 cartridges in an outdoor setting, ready for use.

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Example: How do I reset this device or fix this error?

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