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Umarex GLOCK 19 Gen3 6mm BB Pistol Airsoft Gun

Elite Force Umarex USA Glock Standard Airsoft Pistol User Manual

Model: **GLOCK 19 Gen3 6mm BB Pistol Airsoft Gun**

Brand: **Umarex**

1. INTRODUCTION AND OVERVIEW

The Umarex Elite Force GLOCK 19 Gen3 is a compact airsoft pistol designed for recreational shooting, target practice, and airsoft skirmishes. It accurately replicates the ergonomics, function, and handling of the original GLOCK 19, offering a realistic training and recreational experience.

This airsoft pistol is powered by standard 12-gram CO2 cartridges and fires 6mm plastic airsoft BBs. Its non-blowback design ensures efficient CO2 usage and consistent performance.



Figure 1.1: Front-left view of the Elite Force Umarex USA Glock 19 Airsoft Pistol.

2. SAFETY INFORMATION

WARNING: Misuse or careless use may cause serious injury or death. Read all instructions before using this airsoft pistol.

- Always wear appropriate eye protection (ANSI Z87.1 rated or higher) when handling or operating this airsoft pistol.
- Treat every airsoft pistol as if it were loaded.
- Never point the airsoft pistol at anything you do not intend to shoot.
- Keep your finger off the trigger until you are ready to fire.
- Keep the airsoft pistol on "SAFE" until ready to fire.
- Be sure of your target and what is beyond it.
- Store the airsoft pistol and ammunition separately and securely, out of reach of children and unauthorized users.
- Do not alter or modify the airsoft pistol in any way.

Legal Disclaimer: YOU MUST BE 18 YEARS OR OLDER TO BUY ANY AIR GUN OR AIR RIFLE IN OUR STORE.

3. COMPONENTS

The Elite Force Umarex USA Glock Standard airsoft pistol consists of the following primary components:

- **Pistol Frame:** The main body of the airsoft pistol, housing the trigger, grip, and internal mechanisms.
- **Slide:** The upper part of the pistol, which contains the barrel and sights.
- **Magazine:** Holds the 6mm airsoft BBs and the 12-gram CO2 cartridge.
- **Trigger:** The mechanism used to fire the airsoft pistol.
- **Safety Switch:** Located on the trigger, designed to prevent accidental firing.



Figure 3.1: Rear-left view of the airsoft pistol, showing the slide and grip texture.



Figure 3.2: Side view highlighting the orange safety tip on the barrel, indicating it is an airsoft replica.

4. SETUP

4.1. CO2 Cartridge Installation

The GLOCK 19 Gen3 airsoft pistol uses a single 12-gram CO2 cartridge (not included) for power.

Ensure the pistol is unloaded and on safe before proceeding.

1. Remove the magazine from the pistol by pressing the magazine release button, typically located near the trigger guard.
2. Locate the CO2 compartment at the bottom of the magazine. This usually involves sliding a cover or unscrewing a cap.
3. Insert a new 12-gram CO2 cartridge into the compartment with the narrow neck facing upwards.
4. Tighten the piercing screw or cap until the CO2 cartridge is firmly seated and pierced. You may hear a small hiss as the seal is made. Do not overtighten.
5. Replace any covers or caps securely.

4.2. Loading BBs

This airsoft pistol uses 6mm plastic airsoft BBs. The magazine has a capacity of 11 rounds.

1. With the magazine removed from the pistol, locate the BB follower at the top of the magazine.
2. Pull the BB follower down to the bottom of the magazine and hold it in place.
3. Insert 6mm airsoft BBs into the loading slot, typically located at the top front of the magazine, until the magazine is full (11 rounds).
4. Carefully release the BB follower, ensuring the BBs are properly seated.
5. Insert the loaded magazine back into the pistol until it clicks securely into place.

5. OPERATING INSTRUCTIONS

5.1. Firing the Airsoft Pistol

Before firing, ensure you are in a safe environment, wearing eye protection, and have a suitable target.

1. Ensure the magazine is properly inserted and contains a charged CO2 cartridge and BBs.
2. Point the airsoft pistol at your intended target.
3. Disengage the trigger safety by fully depressing the small lever on the trigger itself as you pull the main trigger.
4. Pull the trigger to fire a BB. This model features a non-blowback design, meaning the slide will not cycle with each shot.
5. After firing, engage the safety if you are not immediately firing again.

5.2. Safety Features

The GLOCK 19 Gen3 airsoft pistol incorporates a trigger safety mechanism. This safety prevents the pistol from firing unless the trigger is fully depressed, including the small lever integrated into the trigger face. Always familiarize yourself with this feature and ensure it is engaged when the pistol is not in active use.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your airsoft pistol.

6.1. Cleaning

- **Barrel Cleaning:** Use a cleaning rod with a small piece of cloth or a cleaning swab. Gently push it through the barrel from the breech end (where the BB enters) to the muzzle. This removes any residue or debris.
- **Exterior Cleaning:** Wipe down the exterior of the pistol with a clean, damp cloth to remove dirt and grime. Avoid using harsh chemicals that could damage the finish.

6.2. Storage

- Always remove the CO2 cartridge from the magazine when the airsoft pistol is not in use to prevent seal wear and gas leakage.
- Store the airsoft pistol in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the pistol is unloaded and the safety is engaged before storage.
- Keep the airsoft pistol and BBs stored separately and securely, out of reach of children.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|--------------------------------|--|---|
| BBs not firing or low velocity | Empty or low CO2 cartridge; Magazine not properly seated; Barrel obstruction; Incorrect BB size. | Replace CO2 cartridge; Re-insert magazine firmly; Clean barrel; Ensure 6mm BBs are used. |
| CO2 leaks from magazine | CO2 cartridge not fully tightened; Damaged O-rings/seals; Cartridge left in too long. | Ensure CO2 cartridge is tightened correctly; Inspect and replace O-rings/seals if damaged; Always remove CO2 when not in use. |
| Magazine not feeding BBs | BBs jammed; Follower stuck; Magazine dirty. | Clear any jammed BBs; Clean the magazine and follower mechanism. |

If problems persist, refer to the official user manual PDF or contact Umarex customer support.

8. SPECIFICATIONS

| | |
|---------------------------|---|
| Model: | GLOCK 19 Gen3 6mm BB Pistol Airsoft Gun |
| Caliber: | 6mm BB |
| Power Source: | 12-gram CO2 cartridge |
| Magazine Capacity: | 11 rounds |
| Muzzle Velocity: | Up to 350 fps (feet per second) |
| Barrel Material: | Metal |
| Frame Material: | Plastic |

Item Weight: 22.4 Ounces (approx. 0.63 kg)

Product Dimensions: 10.25"L x 8.75"W x 3"H

9. WARRANTY AND SUPPORT

Umarex USA products are manufactured to high standards and are typically covered by a limited warranty against defects in materials and workmanship. For specific warranty details and duration, please refer to the official product documentation or contact Umarex USA customer service.

For further assistance, detailed diagrams, or specific troubleshooting not covered in this manual, please consult the official User Manual PDF:

[Download Official User Manual
\(PDF\)](#)

You can also visit the official Umarex website or contact their customer support for additional information and service inquiries.

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