

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [Gamo](#) /

> [Gamo P-25 Air Pistol User Manual](#)

Gamo P-25 Blowback CO2 Pistol

Gamo P-25 Air Pistol User Manual

Model: P-25 Blowback CO2 Pistol (611138054)

IMPORTANT SAFETY INFORMATION

READ THIS INSTRUCTION MANUAL COMPLETELY BEFORE USE.

This airgun is not a toy. Treat it with the same respect you would a firearm. Always carefully follow the safety directions found in this instruction manual and keep this manual in a safe place for future use.

WARNING: NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. MAY BE DANGEROUS UP TO 224 YARDS (205 METERS).

This is a high powered airgun intended for use by those 16 years of age or older. Read all instructions before using. The purchaser and user should conform to all laws governing use and ownership of airguns.

WARNING: LEAD LEGAL DISCLAIMER: This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. Do not inhale dust or put pellets in mouth. Wash hands after handling.

Legal Disclaimer: YOU MUST BE 18 YEARS OR OLDER TO BUY ANY AIR GUN OR AIR RIFLE IN OUR STORE. We do NOT and can NOT ship airguns or bb guns to New York City and its boroughs (Manhattan, Brooklyn, Bronx, Queens, Staten Island, these zip codes are: 100xx-104xx, 110xx, 112xx-114xx, 116xx), the city of Philadelphia, PA and Washington DC. Residents of Chicago, IL cannot buy CO2 powered rifles, pistols or revolvers directly from us. Residents of New Jersey can buy bb guns through a designated local gun store after acquiring an Airgun Permit.

General Safety Rules:

- Always assume the airgun is loaded.
- Never point the airgun at people or animals.
- Always keep your fingers away from the trigger until you are ready to shoot.
- Always be sure of your target and what is beyond it.
- Never shoot at hard surfaces or water, as pellets may ricochet.
- Store the airgun and pellets in separate, secure locations.
- Do not walk, run, jump, or climb with a loaded airgun.
- Never transport a loaded airgun.
- Always use eye protection when handling CO2 bottles.

PRODUCT OVERVIEW



The Gamo P-25 Blowback CO2 Air Pistol, featuring a realistic blowback action and a rifled steel barrel.



Another view of the Gamo P-25, highlighting its ergonomic design and textured grip.

The Gamo P-25 Blowback CO2 powered air pistol is designed for realistic action and authentic feel. It utilizes a small portion of air to move the slide backward when firing, simulating recoil. It features a rifled steel barrel and a textured plastic grip, capable of 450 FPS with Gamo's PBA Platinum Pellets. It is important to use only standard-skirt pellets to avoid damaging the magazine.

Key Features:

- **Blowback Feature:** Provides realistic action and feel.
- **Rifled Steel Barrel:** Enhances accuracy.
- **Textured Plastic Grip:** Offers a secure and comfortable hold.
- **High Velocity:** Up to 450 FPS with PBA Platinum Pellets.
- **CO2 Powered:** Utilizes 12-gram CO2 cartridges.
- **Caliber:** .177 (4.5mm)

SETUP AND FIRST USE

Loading the CO2 Cartridge:



Illustration showing the process of inserting a 12-gram CO2 cartridge into the pistol's grip.

1. Ensure the pistol is unloaded and the safety is engaged.
2. Remove the grip cover at the bottom of the handle.
3. Insert one 12-gram CO2 cartridge into the compartment with the narrow end facing up.
4. Tighten the piercing screw until the cartridge is pierced and sealed. Do not overtighten.
5. Replace the grip cover.

Note: A small amount of air may escape when the cartridge is pierced. This is normal. Always use eye protection when handling CO2 bottles.

Loading Pellets into the Magazine:





The detachable magazine for the Gamo P-25, designed for .177 caliber pellets.

1. Press the magazine release button and remove the magazine from the pistol.

2. Load .177 caliber standard-skirt pellets into the magazine. Refer to the magazine's markings for correct pellet orientation.
3. Do not use long-skirt pellets (e.g., Red Fire, Blue Flame, Glow Fire, PBA Bullet, Magnum, Master Point, Armor, Lethal, Rocket or TS-10) as they can damage the magazine.
4. Insert the loaded magazine back into the pistol until it clicks into place.

OPERATING INSTRUCTIONS

Safety Mechanism:

The Gamo P-25 features a safety switch to prevent accidental firing. Always engage the safety when the pistol is not in use or when handling it.



A section from the original instruction manual illustrating the safety mechanism and key parts of the P-25 pistol.

Firing the Pistol:

1. Ensure you are in a safe shooting environment and wearing appropriate eye protection.
2. Aim at a safe and appropriate target.
3. Disengage the safety.
4. Pull the trigger to fire. The blowback action will simulate recoil.
5. After firing, engage the safety immediately.

Important: If you are not going to use the pistol for a long period of time, it is recommended to remove the CO2 bottle. When replacing the CO2 bottle, some residual gas may be left. Always point the pistol in a safe direction when removing the CO2 bottle.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Gamo P-25 Air Pistol.

Cleaning:

- Regularly clean the barrel with a .177 caliber cleaning rod and patches.
- Wipe down the exterior of the pistol with a soft, dry cloth.
- Do not use harsh chemicals or solvents that could damage the finish or internal components.

Lubrication:

- Apply a drop of silicone-based airgun oil (e.g., Pellgun oil) to the tip of each new CO2 cartridge before insertion. This helps to lubricate the seals and prevent leaks.
- Lubricate moving parts such as the slide and trigger mechanism periodically with appropriate airgun lubricant.

Storage:

- Always remove the CO2 cartridge from the pistol before storage, whether it is empty or full. Storing with a cartridge installed can damage the seals.
- Store the pistol in a cool, dry place, away from direct sunlight and extreme temperatures.
- Keep the pistol and pellets stored separately and out of reach of children and unauthorized users.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pistol not firing or low velocity.	Empty CO2 cartridge; improperly seated CO2 cartridge; incorrect pellets; damaged seals.	Replace CO2 cartridge; ensure cartridge is fully pierced; use standard-skirt pellets; inspect and replace seals if necessary.
CO2 leaks after cartridge insertion.	Damaged CO2 seal; cartridge not tightened enough; overtightened cartridge.	Apply Pellgun oil to CO2 cartridge tip before insertion; ensure proper tightening; replace CO2 seal if damaged.
Pellets jamming in barrel.	Incorrect pellet type (long-skirt); deformed pellets; dirty barrel.	Use only standard-skirt pellets; inspect pellets for damage before loading; clean the barrel.
Magazine not feeding pellets.	Incorrect pellet loading; magazine damage.	Ensure pellets are loaded correctly; inspect magazine for damage and replace if needed.

If troubleshooting steps do not resolve the issue, please contact Gamo customer support.

SPECIFICATIONS

Feature	Detail
Model Name	P-25 Blowback CO2 Pistol
Model Number	611138054
Caliber	.177 (4.5mm)
Velocity	Up to 450 FPS (with PBA Platinum Pellets)

Feature	Detail
Power Source	12g CO2 Cartridge
Magazine Capacity	16 Rounds
Barrel Material	Alloy Steel (Rifled)
Frame Material	Plastic
Weight	1.11 Pounds (0.5 kg)
Dimensions (LxWxH)	7.75"L x 1"W x 1"H (approximate)
UPC	793676033907

WARRANTY AND SUPPORT

Warranty Information:

The Gamo P-25 Blowback CO2 Air Pistol comes with a **1 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the official Gamo website or contact Gamo customer service.

Customer Support:

For technical assistance, parts, or warranty inquiries, please contact Gamo customer support. You can find contact information on the official Gamo website: www.gamousa.com

You may also refer to the official User Manual PDF for additional details [Gamo P-25 User Manual PDF](#)

© 2025 Gamo. All rights reserved.

This manual is for informational purposes only. Gamo reserves the right to make changes to products and specifications at any time without notice.