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› [Umarex](#) /

› Umarex DSX-45 .177 Caliber BB Gun Air Pistol Instruction Manual

## Umarex DSX-45

# Umarex DSX-45 .177 Caliber BB Gun Air Pistol Instruction Manual

Model: DSX-45 | Manufacturer Part Number: 2252151

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and proper use, maintenance, and care of your Umarex DSX-45 .177 Caliber BB Gun Air Pistol. Please read this entire manual carefully before operating the air pistol. Retain this manual for future reference.



Image 1.1: The Umarex DSX-45 .177 Caliber BB Gun Air Pistol.

## 2. SAFETY INFORMATION

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**WARNING:** This air pistol is not a toy. Misuse or careless use may cause serious injury or death. Always treat this air pistol as if it were loaded. Always point the muzzle in a safe direction. Keep your finger off the trigger until ready to shoot. Always wear shooting glasses to protect your eyes. Read all instructions before using. The purchaser and user should conform to all laws governing the purchase, use, and ownership of airguns.

**Legal Disclaimer:** YOU MUST BE 18 YEARS OR OLDER TO BUY ANY AIR GUN OR AIR RIFLE. Airguns cannot be shipped to New York City and its boroughs (Manhattan, Brooklyn, Bronx, Queens, Staten Island, zip codes: 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. 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 air pistol is loaded.
- Never point the air pistol at anything you do not intend to shoot.
- Keep your finger off the trigger until your sights are on the target and you are ready to fire.
- Always be sure of your target and what is beyond it.
- Wear appropriate eye protection (shooting glasses) at all times when handling or shooting the air pistol.
- Store the air pistol unloaded and separate from ammunition.
- Keep out of reach of children.

## 3. PACKAGE CONTENTS

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Upon opening the package, verify that all components are present and undamaged. The package should contain:

- One (1) Umarex DSX-45 .177 Caliber BB Gun Air Pistol



Image 3.1: The Umarex DSX-45 Air Pistol as packaged.

## 4. SETUP AND LOADING

### 4.1 Loading BBs

The Umarex DSX-45 features a 13-round drop-free magazine and an additional 200-round reservoir capacity. Use only .177 caliber (4.5mm) steel BBs.

1. **Remove the Magazine:** Locate the magazine release button, typically near the trigger guard. Press the button to release the magazine from the grip.



Image 4.1: The air pistol with its magazine removed.

2. **Load the Magazine:** Pull down the spring follower on the magazine until it locks into place. Insert .177 caliber steel BBs into the loading port until the magazine is full (13 rounds). Release the spring follower carefully.





Image 4.2: Close-up of the magazine.

3. **Load the Reservoir (Optional):** For additional capacity, BBs can be loaded into the internal reservoir. Refer to the specific loading port on the air pistol, usually located on the top slide or near the muzzle. Pour BBs into this port. The reservoir holds approximately 200 BBs.
4. **Insert the Magazine:** Firmly insert the loaded magazine back into the grip until it clicks into place.

## 4.2 Cocking the Air Pistol

The DSX-45 is a spring-piston single-action air pistol. It must be cocked before each shot.

1. **Grip the Air Pistol:** Hold the air pistol firmly with one hand, ensuring a secure grip on the molded checkered handle.

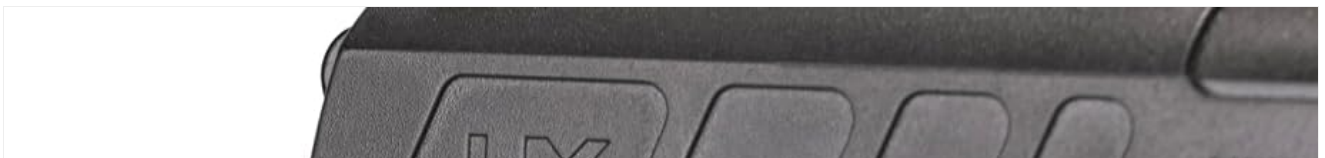




Image 4.3: Close-up of the molded checkered grip.

2. **Pull Back the Slide:** With your other hand, firmly grasp the rear of the slide and pull it fully rearward until it locks into place. You may hear a click.



Image 4.4: Rear view of the air pistol, showing the slide mechanism.

3. **Release the Slide:** Release the slide, allowing it to move forward under spring tension. The air pistol is now cocked and ready to fire.

*Note: Some users report the slide action can be stiff initially. Applying a small amount of silicone spray lubricant to the slide rails may improve operation.*

## 5. OPERATING INSTRUCTIONS

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### 5.1 Aiming

The DSX-45 is equipped with fixed blade and ramp open sights for aiming. Align the front sight blade within the rear sight notch, ensuring the top of both sights are level with your target.



Image 5.1: Side view of the air pistol, highlighting the fixed sights.

## 5.2 Firing

Once the air pistol is loaded and cocked, and you have a clear, safe target:

1. **Aim:** Align your sights with the target.
2. **Fire:** Place your finger on the trigger and smoothly pull it rearward until the air pistol fires.
3. **Recock:** To fire another shot, you must cock the air pistol again by pulling the slide fully rearward and releasing it.

Always ensure the area is clear before and after firing. Never dry fire the air pistol excessively, as this can cause unnecessary wear.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and reliable operation of your Umarex DSX-45 air pistol.

- **Cleaning:** Periodically wipe down the exterior of the air pistol with a clean, dry cloth to remove dust and debris.
- **Lubrication:** Apply a small amount of silicone-based lubricant to moving parts, such as the slide rails and pivot points, to ensure smooth operation. Avoid petroleum-based oils, as they can damage seals.
- **Storage:** Store the air pistol in a cool, dry place, unloaded, and separate from BBs. Keep it in a secure location inaccessible to unauthorized users, especially children.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your DSX-45 air pistol.

| Problem                                 | Possible Cause                                                | Solution                                                                                                                                                                       |
|-----------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Difficulty cocking the slide.           | New air pistol, stiff spring/components. Lack of lubrication. | Continue to operate the slide; it will loosen over time. Apply a small amount of silicone spray lubricant to the slide rails. Ensure you are pulling the slide fully rearward. |
| Air pistol does not fire after cocking. | Slide not fully cocked. No BBs loaded.                        | Ensure the slide is pulled fully rearward until it clicks and locks. Check if the magazine is loaded and properly inserted, or if the reservoir has BBs.                       |
| BBs rattling inside the air pistol.     | BBs may have escaped the loading mechanism or reservoir.      | Carefully shake the air pistol to dislodge any loose BBs. If the issue persists or affects function, contact customer support.                                                 |
| Low velocity or inconsistent shots.     | Worn spring or internal components. Incorrect BBs.            | Ensure you are using quality .177 caliber steel BBs. If the problem persists, the internal spring mechanism may require service. Contact customer support.                     |

## 8. SPECIFICATIONS

| Feature            | Detail                           |
|--------------------|----------------------------------|
| Brand              | Umarex                           |
| Model Name         | DSX45                            |
| Model Number       | 2252151                          |
| Caliber            | .177 Caliber (4.5mm) BB          |
| Power Type         | Spring-Piston                    |
| Action             | Single-Action                    |
| Magazine Capacity  | 13 Rounds                        |
| Reservoir Capacity | 200 Rounds                       |
| Sights             | Fixed Blade and Ramp Open Sights |
| Grip Type          | Molded Checkered Grip            |
| Frame Material     | Polymer                          |
| Barrel Material    | Metal                            |
| Item Weight        | 16 ounces                        |
| UPC                | 723364521515                     |

## 9. WARRANTY AND SUPPORT

This Umarex DSX-45 Air Pistol is covered by a manufacturer's warranty. For specific warranty details, claims, or technical support, please contact Umarex USA directly. You can find their contact information on their official website or through the retailer where you purchased the product.

**Manufacturer:** Umarex USA

**Address:** 7700 Chad Colley Boulevard, Fort Smith, AR 72916

**Website:** [UmarexUSA.info](https://umarexusa.info)

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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**Question**

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

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question