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> Beeman Predator 1079 .177 Caliber Air Rifle Instruction Manual

Beeman 1079

Beeman Predator 1079 .177 Caliber Air Rifle Instruction Manual

Model: 1079

INTRODUCTION

Thank you for choosing the Beeman Predator 1079 .177 Caliber Air Rifle. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your air rifle. Please read this manual thoroughly before operating the air rifle and retain it for future reference. Proper understanding of these instructions will ensure optimal performance and safety.

SAFETY INFORMATION

WARNING: This air rifle is not a toy. Misuse or careless use can cause serious injury or death. Always follow these safety guidelines:

- Always treat an air rifle as if it were loaded.
- Never point an air rifle 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 shoot.
- Always wear appropriate eye protection when handling or shooting an air rifle.
- Be sure of your target and what is beyond it. Pellets can travel significant distances and cause harm.
- Never shoot at hard surfaces or water, as pellets can ricochet.
- Store the air rifle unloaded and in a secure location, separate from ammunition, to prevent unauthorized access.
- Keep out of reach of children. Adult supervision is required for minors.
- Do not alter or modify the air rifle.
- Always use the correct caliber (.177) pellets for this air rifle.

Proposition 65 Warning: 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.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Beeman Predator 1079 .177 Caliber Air Rifle with NEXT G1 Camo synthetic stock
- 3-9x32 Beeman Scope
- Mounting hardware for scope (if applicable)
- Instruction Manual (this document)

PRODUCT OVERVIEW

The Beeman Predator 1079 is a spring-piston, break-barrel air rifle designed for target shooting and pest control. It features a durable synthetic stock, fiber-optic sights, and comes equipped with a 3-9x32 scope for enhanced accuracy.



This image shows the complete Beeman Predator .177 Caliber Air Rifle, featuring its camouflage synthetic stock and mounted 3-9x32 scope.

SETUP

1. Scope Mounting

1. Carefully remove the scope and mounting rings from their packaging.

2. Attach the scope rings to the dovetail rail on top of the air rifle receiver. Ensure they are securely tightened.
3. Place the 3-9x32 Beeman scope into the rings. Position the scope so that you have a comfortable eye relief when shouldering the rifle.
4. Gently tighten the top halves of the scope rings, ensuring the reticle is level. Do not overtighten, as this can damage the scope tube.
5. Once eye relief and reticle level are satisfactory, fully tighten all scope ring screws.

2. Sighting In

Before using the air rifle for hunting or precise target shooting, it is crucial to sight it in. This involves adjusting the sights (or scope) to ensure the pellet hits where you aim. Start at a close range (e.g., 10 yards) and gradually increase the distance as accuracy improves. Refer to your scope's manual for specific adjustment procedures for windage and elevation.

OPERATING INSTRUCTIONS

1. Loading and Cocking (Break-Barrel Mechanism)

1. Ensure the safety is engaged. The Beeman Predator 1079 features an automatic safety that engages when the rifle is cocked.
2. Grip the rifle firmly with one hand on the stock and the other on the barrel.
3. With a swift, firm motion, break the barrel downwards at the hinge point near the receiver. This action compresses the spring and exposes the breech.
4. Insert one .177 caliber pellet into the breech, ensuring the skirt of the pellet is flush with the barrel.
5. Return the barrel to its original position by pushing it upwards until it locks securely into place. You should hear a distinct click. The rifle is now cocked and the automatic safety is engaged.

2. Firing

1. With the rifle loaded and cocked, aim at your intended target.
2. When ready to fire, disengage the automatic safety. The safety mechanism is typically located near the trigger guard.
3. Squeeze the trigger smoothly and consistently until the rifle fires.
4. After firing, the rifle will need to be re-cocked and reloaded for the next shot.

MAINTENANCE

1. Cleaning the Barrel

Regular barrel cleaning helps maintain accuracy. Use a .177 caliber cleaning kit, including cleaning pellets or a cleaning rod with patches. Clean from the breech end if possible, or carefully from the muzzle end to avoid damaging the crown.

2. Lubrication

Apply a small amount of non-petroleum-based air gun oil to pivot points and moving parts as needed. Avoid over-lubrication, especially in the compression chamber, as this can cause 'dieseling' (premature ignition of oil, leading to inconsistent velocity and potential damage).

3. Storage

Store the air rifle unloaded, uncocked, and with the safety engaged. Keep it in a dry, secure location, preferably in a gun case, away from extreme temperatures and humidity. Ensure it is inaccessible to unauthorized users,

especially children.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-------------------------------------|---|---|
| Inconsistent Accuracy | Dirty barrel, loose scope mounts, inconsistent hold, damaged pellets. | Clean barrel, check scope mounts for tightness, practice consistent shooting technique, use high-quality, undamaged pellets. |
| Difficulty Cocking | Lack of lubrication on pivot points, new rifle (stiff spring), obstruction. | Apply light lubrication to pivot points. Continue use, as spring will break in. Check for any physical obstructions. |
| Pellet Not Firing / Low Power | Improperly seated pellet, worn breech seal, spring fatigue. | Ensure pellet is fully seated. Inspect breech seal for damage and replace if necessary. If spring fatigue is suspected, professional service may be required. |
| Excessive Noise / Smoke (Dieseling) | Excess oil or grease in the compression chamber. | This often subsides after initial shots. Avoid over-lubricating the compression chamber. If persistent, consult a professional. |

SPECIFICATIONS

| Feature | Detail |
|--------------------|----------------------------------|
| Brand | Beeman |
| Model Name | 1079 |
| Caliber | .177 |
| Air Gun Power Type | Spring-Piston |
| Velocity | Up to 1000 fps (feet per second) |
| Stock | NEXT G1 Camo synthetic stock |
| Sights | Fiber-optic front and rear sight |
| Scope | 3-9x32 Beeman scope |
| Safety | Automatic safety |
| Overall Length | 45-1/2 inches |
| Item Weight | 8.75 Pounds |
| Barrel Material | Aluminum |
| Frame Material | Metal |
| UPC | 026785010799 |

WARRANTY AND SUPPORT

For specific warranty information regarding your Beeman Predator 1079 Air Rifle, please refer to the documentation included with your purchase or contact the retailer where the product was acquired. Warranty terms and conditions can vary.

For technical support, parts, or service inquiries, please contact Beeman customer service directly through their official website or the contact information provided by your retailer. Always provide your model number (1079) and proof of purchase when seeking support.