TRUGLO TG-TG8335GN

TRUGLO Ignite 30mm 2-MOA Green Dot Sight Instruction Manual

Introduction

The TRUGLO Ignite 30mm 2-MOA Green Dot Sight is engineered for precision and durability, suitable for various tactical and hunting applications. It features a large 30mm objective lens for a wide field of view, protected by molded flip-up lens caps. This sight is designed to provide a precise point of aim with its 2-MOA green dot reticle and offers adjustable brightness settings. Constructed from lightweight CNC-machined aircraft-grade aluminum, it is nitrogen gas-filled, fogproof, water-resistant, and shockproof. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your TRUGLO Ignite dot sight.



Image: The TRUGLO Ignite 30mm Green Dot Sight, showcasing its robust design and included cantilever mount.

What's in the Box

Upon unboxing your TRUGLO Ignite 30mm Green Dot Sight, verify that all the following components are present:

- TRUGLO Ignite 30mm Dot Sight
- Machined Cantilever Picatinny Rail Mount
- Rubber Lens Cover
- 1.5V AAA Battery
- Slotted Adjustment Tool (integrated into the turret cap)

Setup Instructions

1. Battery Installation

The TRUGLO Ignite 30mm Green Dot Sight operates on a single 1.5V AAA battery. Follow these steps for proper installation:

1. Locate the battery compartment cap on the side of the optic.
2. Unscrew the battery cap counter-clockwise.
3. Insert the provided 1.5V AAA battery with the positive (+) terminal facing outwards, towards the cap.
4. Carefully screw the battery cap back on clockwise until it is finger-tight. Do not overtighten.



Image: A hand demonstrating the insertion of a AAA battery into the side compartment of the TRUGLO Ignite dot sight.

2. Mounting the Sight

The TRUGLO Ignite includes a cantilever Picatinny rail mount designed for an absolute co-witness with standard-height backup iron sights. To mount the sight:

1. Ensure your firearm is unloaded and safe.
2. Loosen the mounting screws on the cantilever rail mount using an appropriate tool.
3. Position the sight onto your firearm's Picatinny rail at your desired location, ensuring proper eye relief.

4. Push the sight forward in the rail slot to ensure consistent seating, then tighten the mounting screws securely. Refer to your firearm's manual for recommended torque specifications if available.



Image: The TRUGLO Ignite dot sight securely mounted on a Picatinny rail, ready for use.

3. Initial Zeroing

After mounting, the sight must be zeroed to your firearm for accurate aiming. This process involves adjusting the windage and elevation to align the point of aim with the point of impact.

1. With the sight powered on, aim at a target at a known distance (e.g., 25 or 50 yards).
2. Fire a group of shots.
3. Use the slotted adjustment tool (integrated into the turret caps) to adjust windage (horizontal) and elevation (vertical) in 1/2-MOA increments.
4. Adjust the turrets in the direction you want the bullet impact to move. For example, if shots are hitting low and left, adjust elevation UP and windage RIGHT.
5. Repeat firing and adjusting until the point of aim matches the point of impact.



Image: A hand using the integrated tool to adjust the windage or elevation turret on the TRUGLO Ignite dot sight.

Operating Instructions

1. Power On/Off

- To power on the sight, press and hold the **+** button for approximately 1 second.
- To power off the sight, press and hold the **-** button for approximately 1 second.

2. Brightness Adjustment

The TRUGLO Ignite features 8 digital brightness settings to adapt to various lighting conditions.

- Press the **+** button to increase the brightness of the green dot.
- Press the **-** button to decrease the brightness of the green dot.
- The sight will remember the last used brightness setting when it is powered on again.

3. Auto-Off Feature

To conserve battery life, the TRUGLO Ignite is equipped with an automatic shut-off feature. If no button is pressed for 4 hours, the sight will automatically power off.

4. Reticle

The sight utilizes a clear 2-MOA Green Dot reticle, providing a precise aiming point for improved accuracy.

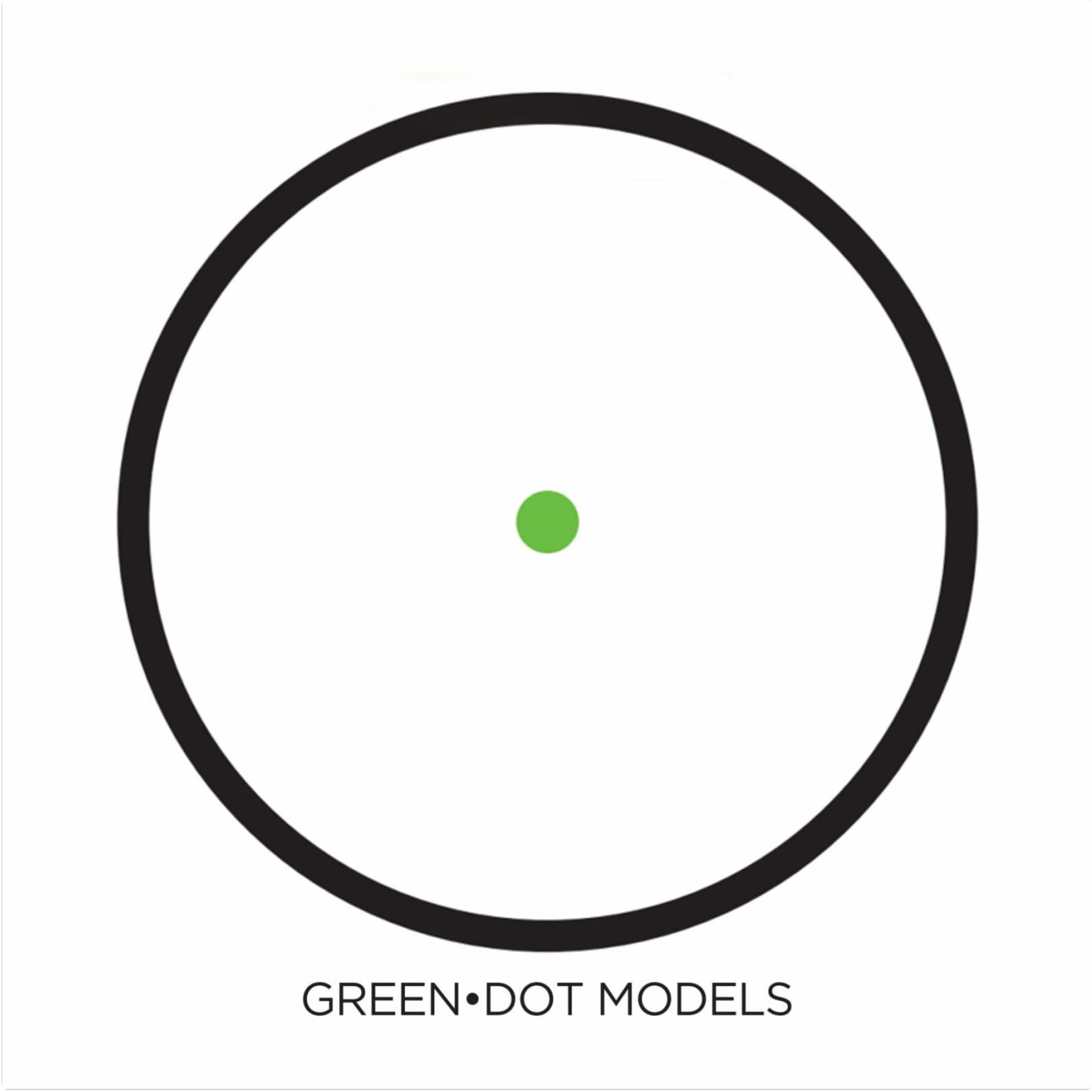


Image: A visual representation of the 2-MOA green dot reticle as it appears through the sight.

Maintenance

1. Cleaning the Lenses

To maintain optical clarity, keep the lenses clean. Use a soft, lint-free cloth, such as a microfiber cloth, to gently wipe away dust and smudges. For more persistent marks, apply a small amount of lens cleaning solution specifically designed for optics to the cloth, then gently clean the lenses. Avoid using abrasive materials, paper towels, or harsh chemical

cleaners, as these can scratch or damage the lens coatings.

2. Cleaning the Exterior

The exterior of the sight can be cleaned with a damp cloth. Ensure that all caps (battery cap, turret caps) are securely closed to prevent moisture from entering the internal components. Dry the sight thoroughly after cleaning.

3. Battery Replacement

Replace the AAA battery when the green dot appears dim, flickers, or if the sight fails to power on. Refer to the "Battery Installation" section under Setup Instructions for detailed steps.

4. Storage

When not in use, store the TRUGLO Ignite sight in a cool, dry environment. For prolonged storage, it is recommended to remove the AAA battery to prevent potential leakage and damage to the electronics.

Troubleshooting

If you encounter issues with your TRUGLO Ignite dot sight, refer to the following common problems and solutions:

- **Dot not visible or dim:**
  - Check if the sight is powered on.
  - Verify the battery is correctly installed with the positive (+) end facing outwards.
  - The battery may be low or depleted. Replace with a fresh 1.5V AAA battery.
  - Adjust the brightness settings using the**+** button.
- **Dot flickers or is inconsistent:**
  - The battery may be low. Replace the AAA battery.
  - Ensure the battery cap is securely tightened to maintain proper contact.
- **Sight not holding zero:**
  - Ensure the mounting screws for the cantilever rail mount are tightened securely to the Picatinny rail.
  - Check for any movement of the sight on the rail.
  - Verify that the windage and elevation turret caps are tightened after making adjustments.
- **Internal fogging:**
  - The sight is nitrogen gas-filled and designed to be fogproof. If internal fogging occurs, this may indicate a seal compromise. Contact TRUGLO customer support for assistance.
  - External fogging can be wiped away with a clean, soft cloth.

Specifications

Feature	Detail
Model Name	TG-TG8335GN
Reticle Type	2-MOA Green Dot
Objective Lens Diameter	30mm

Feature	Detail
Brightness Settings	8
Adjustment Increments	1/2-MOA per click
Material	CNC-machined Aircraft-grade Aluminum
Power Source	1.5V AAA Battery
Auto-Off Feature	4-hour idle from last button push
Water Resistance	Yes
Shock Resistance	Yes
Fogproof	Yes (Nitrogen gas-filled)
Mounting Type	Cantilever Picatinny Rail Mount
Item Weight	1 Pound
UPC	788130031698

Warranty

The TRUGLO Ignite 30mm 2-MOA Green Dot Sight is backed by a manufacturer's warranty. For complete details regarding warranty coverage, terms, and conditions, please refer to the official TRUGLO website or contact their customer service department directly. Proof of purchase may be required for warranty claims.

Support

Should you require technical assistance, have questions about your product, or need to inquire about parts or service, please contact TRUGLO customer support. You can find their contact information and additional resources on the official TRUGLO website.

California Proposition 65 Warning: *This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.*

Ask a question about this manual

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.

Name

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

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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