

Kryptonite 001768

Kryptonite Bicycle Security Gravity WheelNutz Bike Lock (M9) - Instruction Manual

Brand: Kryptonite | Model: 001768

INTRODUCTION

The Kryptonite Gravity WheelNutz is a secondary security solution designed to protect your bicycle wheels from theft. This system utilizes gravity to prevent removal when the bike is in an upright position, complementing your primary lock. It is engineered for ease of installation and removal using standard tools, without requiring special keys.

PRODUCT COMPONENTS

The Gravity Line offers two main product types, designed for different bicycle axle types:

- **WheelNutz:** Designed for solid axle bikes. Available in M9, M10, and 3/8" sizes. These are typically used for front or rear wheels, and sizes may differ even on the same bicycle.
- **WheelBoltz:** Designed for hollow axle bikes. Available in 130mm for front wheels and 150mm for rear wheels.



Image: Kryptonite WheelNutz components. The image shows two types of WheelNutz: one with an orange ring and one without, highlighting their distinct designs.



Image: Kryptonite WheelNutz components. This image provides another view of the WheelNutz, showing their robust construction and the distinct orange ring on one of the variants.

SETUP AND INSTALLATION

Installation of the Gravity WheelNutz and WheelBoltz is straightforward and does not require specialized tools beyond common wrenches.

Tools Required:

- **For WheelNutz:** A 15mm wrench.
- **For WheelBoltz:** A 5mm hex wrench.

Installation Steps:

1. Ensure your bicycle is in an upright position.
2. For WheelNutz, use a 15mm wrench to tighten the nuts onto your solid axle. For WheelBoltz, use a 5mm hex wrench to secure the bolts into your hollow axle.
3. Tighten securely. The internal gravity pin will engage when the bike is upright, preventing loosening and removal.

Your browser does not support the video tag.

Video: An overview of the Kryptonite Gravity Line products, including WheelNutz and WheelBoltz, and their installation process. This video demonstrates how the gravity locking system works and the tools required for installation and removal.

OPERATING INSTRUCTIONS

The core of the Gravity Line's security lies in its internal "LOCK-OUT" function, which is gravity-activated:

- **Engaged State:** When your bicycle is in an upright position, an internal pin within the WheelNutz or WheelBoltz engages. This pin prevents the nuts/bolts from being loosened or removed, even if a wrench is applied.

- **Disengaged State:** To disengage the pin and allow for removal, the bicycle must be turned upside down (180 degrees). This action causes the internal pin to retract, enabling the nuts/bolts to be loosened with the appropriate wrench.

Important Security Note:

For maximum security, always use the Gravity WheelNutz/WheelBoltz in tandem with a primary bicycle lock (such as a U-lock or chain lock) that secures your bike to an immovable object. This prevents the bicycle from being flipped upside down, thereby keeping the Gravity Line products in their locked, engaged position and your wheels secure.

Maintenance

The Kryptonite Gravity WheelNutz and WheelBoltz feature a weather protective coating. This coating helps to prevent corrosion and maintain the integrity of the components over time. Regular cleaning with a damp cloth can help remove dirt and grime, further extending the product's lifespan.

Troubleshooting

Difficulty with Installation/Removal:

- **Incorrect Tool:** Ensure you are using the correct wrench size: 15mm for WheelNutz and 5mm hex wrench for WheelBoltz.
- **Gravity Pin Engaged:** If you are trying to remove the nuts/bolts and they will not loosen, verify that the bicycle is completely turned upside down (180 degrees). The gravity pin must be disengaged for removal.
- **Alignment Issues:** During installation, ensure the nuts/bolts are properly aligned with the axle threads to prevent cross-threading or damage.

If issues persist, consult the official Kryptonite website or contact customer support for further assistance.

Specifications

Feature	Detail
Brand	Kryptonite
Model	001768 (M9)
Lock Type	Gravity Locking System (No keys required for operation)
Material	Alloy Steel
Special Feature	Weather Protection Coating
Item Dimensions (L x W x H)	0.79 x 0.79 x 1.57 inches
Item Weight	0.12 Kilograms (approx. 81 grams per set)
Recommended Use	Bicycle Wheel Security

Warranty and Support

Kryptonite Gravity Line products come with a **Lifetime Warranty**. While these products are not covered by

Kryptonite's Anti-Theft Protection Program, the lifetime warranty ensures quality and durability. For more information, detailed installation guides, or customer support, please visit the official Kryptonite website: www.kryptonitelock.com