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## Kryptonite 005636

# Kryptonite Evolution 790 Folding Bike Lock Instruction Manual

Brand: Kryptonite | Model: Evolution 790 Folding Lock (005636)

## 1. INTRODUCTION AND OVERVIEW

The Kryptonite Evolution 790 Folding Bike Lock is engineered to provide high-security anti-theft protection for your bicycle. Its compact and lightweight design makes it an ideal solution for commuters and e-bike users seeking both convenience and robust security. This manual provides detailed instructions for the proper setup, operation, and maintenance of your lock.

With a length of 90 cm (35 inches) and a weight of 1.45 kg (3.3 lbs), this lock offers a balance of reach and portability. It features 5.4mm hardened steel links and a 360-degree rotating lock head for enhanced flexibility and security.



Figure 1: Kryptonite Evolution 790 Folding Bike Lock (folded)

## 2. KEY FEATURES

- **High-Security Design:** Constructed with 5.4mm hardened steel links for superior cut resistance. A durable rubber coating protects your bike's finish.
- **360-Degree Rotating Lock Head:** Allows for increased flexibility when securing your bike to various immovable objects.
- **Simple Click-Tight Bracket:** Designed for quick and easy release with a side button. The audible click confirms secure placement for transport.
- **Compact and Portable:** Folds down to a small size for convenient transport, weighing only 1.5 kg (3.3 lbs).
- **E-Bike Approved:** Suitable for securing e-bikes, scooters, road, and mountain bikes.
- **ATPO & KeySafe Program Eligible:** Register your lock for Kryptonite's Anti-Theft Protection Offer and KeySafe key replacement service.

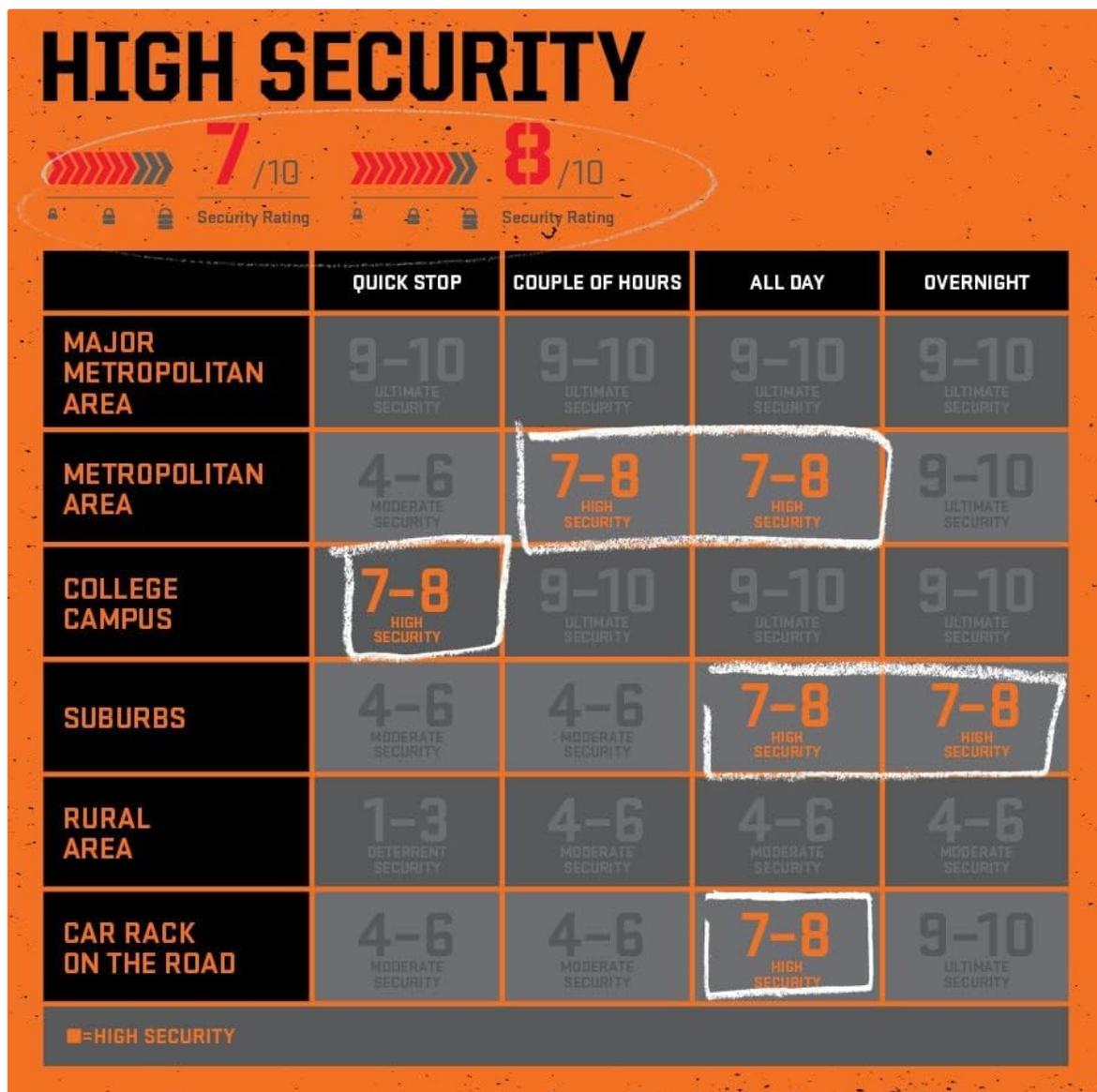


Figure 2: Key specifications and Sold Secure Gold certification

### 3. SETUP AND INSTALLATION

The Evolution 790 comes with a transport bracket for convenient carrying on your bike frame. There are two primary methods for mounting the bracket:

#### 3.1 Mounting with Straps

1. Identify a suitable location on your bike frame that does not interfere with pedaling or other components.
2. Ensure the rubber insert is securely fitted into the back of the bracket.
3. Thread the two mounting straps through the designated ports on the back of the transport bracket.
4. Wrap the straps tightly around the bike frame, ensuring the bracket is snug and does not move.
5. Trim any excess strap material with snips for a clean finish.

#### 3.2 Mounting to Braze-ons (Water Bottle Mounts)

1. Remove any existing hardware from your bike's braze-ons (water bottle mounts).

2. Ensure the rubber insert is securely fitted into the back of the bracket.
3. Align the holes on the transport bracket with your bike's braze-ons.
4. Place a washer on each provided screw and pass it through the hole in the transport bracket.
5. Carefully turn the screws a few times to ensure they are not cross-threaded.
6. Use a Phillips head screwdriver to tighten both screws until snug, securing the bracket firmly to the frame.



Figure 3: Lock mounted on bike frame using the transport bracket

### 3.3 Inserting the Lock into the Bracket

Once the bracket is securely mounted, slide the folded lock into the bracket. An audible click will confirm that the lock is properly seated and secured for transport. Ensure the lock head is always pointing up or is level to prevent interference with other bike components.

Your browser does not support the video tag. This video demonstrates the installation and features of the Kryptonite Evolution 790 Folding Bike Lock, including how to mount the bracket and use the lock.

Video 1: Installation and Features of the Kryptonite Evolution 790 Folding Bike Lock

## 4. OPERATING INSTRUCTIONS

### 4.1 Unlocking and Extending

1. Insert the key into the lock cylinder.
2. Turn the key to unlock the mechanism.
3. Remove the lock from the transport bracket by pressing the side button.
4. Unfold the hardened steel links to extend the lock to its full length.

### 4.2 Securing Your Bicycle

1. Position your bicycle next to a secure, immovable object (e.g., a bike rack, sturdy pole).
2. Loop the extended lock through your bike's frame and at least one wheel, and around the immovable object.
3. Insert the end of the lock into the 360-degree rotating lock head.
4. Turn the key to secure the lock. Ensure the lock is fully engaged and cannot be easily removed.



Figure 4: Lock in use, securing a bicycle

### 4.3 Folding and Storing

1. Unlock the mechanism with the key and remove the lock from the immovable object and your bike.
2. Fold the steel links back into their compact form.
3. Slide the folded lock back into the transport bracket until you hear an audible click, confirming it is secure for travel.

## 5. SECURITY FEATURES

The Kryptonite Evolution 790 Folding Bike Lock is designed with multiple layers of security to deter theft:

- **Sold Secure Gold Rating:** This independent certification signifies a high level of resistance against various attack methods.
- **Hardened Steel Construction:** The 5.4mm thick steel links are highly resistant to cutting and prying tools.
- **Durable Rubber Coating:** Not only protects your bike's paintwork but also adds an extra layer of defense against tool attacks.
- **Advanced Locking Cylinder:** Designed to resist picking, drilling, and other forms of manipulation.

The image displays a security rating chart and a product photograph. The chart is a horizontal bar with a black background and yellow accents. It contains four icons: a yellow shield with '6/10' and a lock icon, a red shield with a dollar sign, an orange shield with a key icon, and a grey shield with a ribbon icon. Below each icon is text: 'Security Rating', 'ANTI-THEFT PROTECTION OFFER', 'KEY SAFE PROGRAM', and 'LIFETIME WARRANTY'. Below the chart is a photograph of the orange and black Kryptonite Evolution 790 lock on a bicycle. To the right of the photo is a black box with the text 'CHOOSE THE LOCK THAT IS RIGHT FOR YOU' in white.

Figure 5: Kryptonite Security Rating Chart (Evolution 790 is rated 7/10)

## 6. MAINTENANCE

To ensure the longevity and smooth operation of your Kryptonite Evolution 790 Folding Bike Lock, follow these maintenance tips:

- **Keep Clean:** Periodically wipe down the lock body and links with a damp cloth to remove dirt and grime.
- **Lubricate the Cylinder:** Apply a small amount of graphite-based lubricant or a specialized lock lubricant into the keyway every 3-6 months, or more frequently in harsh conditions. Avoid oil-based lubricants as they can attract dirt.
- **Dust Cover:** Utilize the integrated dust cover to protect the keyway from dirt and debris, especially when not in use.
- **Inspect Links:** Regularly check the steel links and rivets for any signs of wear, damage, or corrosion.

## 7. TROUBLESHOOTING

- **Key Sticks or is Hard to Turn:** This is often due to dirt or lack of lubrication in the cylinder. Apply lock lubricant as described in the maintenance section.
- **Links are Stiff:** If the folding links become stiff, clean them and apply a light lubricant to the pivot points.
- **Lock Not Engaging:** Ensure the key is fully inserted and turned correctly. Check for any obstructions in the lock head or cylinder.
- **Bracket Not Holding Lock:** Verify that the mounting straps or screws are tight and the lock is inserted correctly until an audible click is heard.

## 8. SPECIFICATIONS

<b>Brand</b>	Kryptonite
<b>Model Name</b>	Evolution 790 Folding Lock
<b>Item Model Number</b>	005636
<b>UPC</b>	720018005636
<b>Lock Type</b>	Key Lock
<b>Material</b>	Alloy Steel
<b>Special Features</b>	Heavy Duty, Portable, Lightweight, Compact, Anti-Theft
<b>Item Weight</b>	3.3 pounds (1.5 kg)
<b>Product Dimensions (folded)</b>	13.94 x 2.95 x 1.18 inches
<b>Lock Length (circumference)</b>	90 cm (35 inches)
<b>Steel Link Thickness</b>	5.4mm
<b>Included Components</b>	Bike Lock, Transport Bracket, Keys (2)

## 9. WARRANTY AND SUPPORT

Your Kryptonite Evolution 790 Folding Bike Lock comes with a Limited Warranty. For specific details regarding the warranty period and coverage, please refer to the official Kryptonite website or contact customer support.

### 9.1 Anti-Theft Protection Offer (ATPO)

Kryptonite offers an optional Anti-Theft Protection Offer (ATPO) for registered locks. If your bike is stolen due to the lock being broken or opened by force, Kryptonite may reimburse you for the cost of your bicycle. Registration is required to qualify for this offer. Visit the official Kryptonite website for terms, conditions, and registration details.

The Kryptonite logo consists of the word "KRYPTONITE" in a bold, black, sans-serif font, centered within a solid yellow rectangular background.

Figure 6: Kryptonite Logo

### 9.2 KeySafe Key Replacement Service

Never worry about losing your keys. With the KeySafe program, you can register your keys online with Kryptonite. In the event you lose them, Kryptonite will send you two free replacement keys. Registration is required. Visit the official Kryptonite website for more information.



Figure 7: Kryptonite keys and KeySafe program details

