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## ABUS Granit X Plus 54 Mini

# ABUS Granit XPlus 54 Mini U-Lock

## INSTRUCTION MANUAL

### Introduction

Thank you for choosing the ABUS Granit XPlus 54 Mini U-Lock. This high-security U-lock is designed to provide maximum protection for your bicycle or other valuables. Manufactured in Germany, it features a 13mm thick square temper-hardened parabolic steel shackle and the advanced XPlus locking cylinder for superior resistance against manipulation and brute force attacks. Please read this manual carefully to ensure proper use, maintenance, and longevity of your lock.



**Figure 1:** The ABUS Granit XPlus 54 Mini U-Lock. This image displays the complete U-lock assembly, featuring the black shackle and the grey lock body with the ABUS logo.

### Package Contents

- ABUS Granit XPlus 54 Mini U-Lock
- Two keys (one with LED light)
- ABUS Code Card for key duplication
- USH 540 bracket for convenient transport (if included with your model)



**Figure 2:** ABUS XPlus Code Card and Key. This image shows the unique XPlus Code Card, essential for ordering replacement keys, alongside one of the provided keys.

## Setup and First Use

1. **Inspect Contents:** Verify that all package contents are present and undamaged.
2. **Register Your Key:** It is highly recommended to register your XPlus Code Card with ABUS. This allows for secure key replacement should you lose your original keys. Keep the code card in a safe place, separate from your keys.
3. **Test the Lock:** Before securing your valuable, insert a key into the lock cylinder and turn it to ensure smooth operation. The lock should open and close without excessive force.
4. **Mounting the Bracket (Optional):** If your lock includes the USH 540 bracket, attach it to your bicycle frame according to the bracket's specific instructions. This provides a secure and rattle-free transport solution for your U-lock.

## Operating the Lock

### Locking Procedure:

1. Position the U-lock around the object you wish to secure (e.g., bicycle frame and a fixed object).
2. Align the shackle ends with the openings in the lock body.
3. Push the shackle firmly into the lock body until it clicks into place. The lock is now engaged.
4. Remove the key.

Unlocking Procedure:

1. Insert the key fully into the lock cylinder.
2. Turn the key clockwise (or counter-clockwise, depending on the lock's orientation) until the shackle releases from the lock body.
3. Pull the shackle completely out of the lock body.
4. Remove the key.

**Important:** Always ensure the lock is fully engaged and the key is removed before leaving your secured item unattended.

Maintenance

Regular maintenance ensures the smooth operation and extends the lifespan of your ABUS Granit XPlus 54 Mini U-Lock.

- **Lubrication:** Periodically (e.g., every 3-6 months, or more frequently in harsh environments), apply a small amount of non-greasy lock lubricant (e.g., ABUS lock spray or graphite-based lubricant) into the keyway and where the shackle enters the lock body. Avoid using oil-based lubricants as they can attract dirt.
- **Cleaning:** Keep the lock body and shackle clean from dirt and debris. Use a damp cloth to wipe down the exterior.
- **Key Care:** Do not force the key if it feels stiff. Ensure the key is fully inserted and the lock cylinder is free of obstructions. Avoid using damaged or bent keys.

Troubleshooting

Problem	Possible Cause	Solution
Key is stiff or difficult to turn.	Dirt/debris in cylinder, lack of lubrication, bent key.	Apply lock lubricant. Clean keyway. Use a different key if available. Do not force the key.
Shackle does not engage/disengage smoothly.	Dirt/debris in shackle openings, lack of lubrication.	Clean shackle ends and lock body openings. Apply lock lubricant.
Lost keys.	Keys misplaced or stolen.	Use your ABUS XPlus Code Card to order replacement keys from an authorized ABUS dealer or the ABUS website.

Specifications

- **Model:** ABUS Granit XPlus 54 Mini
- **Security Level:** 15 out of 15 (ABUS Security Level System)
- **Shackle Material:** 13mm square temper-hardened parabolic steel
- **Locking Mechanism:** ABUS XPlus cylinder
- **Shackle Dimensions:** 5.5 inches (length)
- **Lock Type:** Key Lock
- **Weight:** Approximately 1 pound (0.45 kg)

- **Special Features:** Double locking, automatic keyhole cover, USH bracket included (model dependent)



**Figure 3:** ABUS Security Level 15. This emblem indicates the maximum security rating within the ABUS system, signifying the lock's high resistance to various attack methods.

## Warranty Information

ABUS products are manufactured to the highest quality standards and undergo strict quality control. ABUS provides a limited warranty against defects in materials and workmanship. For specific warranty terms, conditions, and duration, please refer to the official ABUS website or contact ABUS customer support. Keep your proof of purchase for warranty claims.

## Customer Support

For further assistance, technical support, or inquiries regarding your ABUS Granit XPlus 54 Mini U-Lock, please visit the official ABUS website or contact their customer service department. Contact information can typically be found on the ABUS website under "Support" or "Contact Us."

**ABUS Official Website:** [www.abus.com](http://www.abus.com)