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› ABUS Granit Detecto X-Plus 8077 Motorcycle Disc Lock User Manual

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INTRODUCTION

The ABUS Granit Detecto X-Plus 8077 is a premium alarm disc lock designed to provide superior security for your motorcycle. This robust device combines a hardened steel construction with an intelligent alarm system, featuring a 100dB siren and a 3D tilt sensor to deter theft effectively. Please read this manual carefully to ensure correct installation, operation, and maintenance of your lock.



Figure 1: ABUS Granit Detecto X-Plus 8077 Disc Lock (Yellow)

SAFETY INFORMATION

- Always ensure the lock is fully disengaged before attempting to move your motorcycle. Riding with the disc lock engaged can cause serious damage to your vehicle and pose a significant safety risk.
- The alarm emits a loud 100dB sound. Avoid prolonged exposure to the alarm sound to prevent hearing damage.
- Keep keys in a secure location and separate from the motorcycle.
- Ensure the lock is compatible with your motorcycle's brake disc. The disc hole must be at least 13mm in diameter, and the lock pin must be able to pass through it without obstruction. The position of the hole should be within 48mm from the outer edge of the disc.
- This lock is a deterrent. For maximum security, combine it with other security measures like chain locks or ground anchors.

PACKAGE CONTENTS

Your ABUS Granit Detecto X-Plus 8077 package should include:

- ABUS Granit Detecto X-Plus 8077 Disc Lock Unit
- Keys (typically two, one with LED light)
- Carrying Pouch
- Battery (pre-installed or separate, usually AAA x 2)
- Reminder Cable (may be included with some models)

SETUP

Battery Installation

The lock requires two AAA batteries for the alarm function. If not pre-installed, or for replacement:

1. Locate the battery compartment cover, usually on the underside or side of the lock unit.
2. Use a small screwdriver or coin to open the cover.
3. Insert two AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.
5. *Note: Some users report the battery box can be stiff to remove. Gently press the clips on either side inwards while pulling the box out. If stuck, a small flat-head screwdriver can be used to carefully pry it from the bottom while pressing the clips.*

Initial Function Check

After battery installation, test the alarm:

1. Insert the key and unlock the device.
2. Without attaching it to the disc, close the lock. The lock should emit a short beep, indicating the alarm is armed.
3. Gently move or tilt the lock. It should emit a warning beep, followed by the full alarm if movement continues.

Disc Compatibility Check

Before first use, verify that the lock fits your motorcycle's brake disc:

- The brake disc hole must have a diameter of at least 13mm.
- The distance from the center of the disc hole to the outer edge of the disc should not exceed 48mm.
- Ensure there is sufficient clearance around the disc for the lock body.

OPERATING INSTRUCTIONS

Engaging the Lock

1. Position the lock on your motorcycle's brake disc, ensuring the 13mm locking bolt passes through one of the disc's ventilation holes.
2. Press the locking mechanism firmly until it clicks into place. The lock will automatically detect the disc and arm the alarm. You will hear a short confirmation beep.
3. The 3D tilt sensor is now active. Any significant movement or tilt of the motorcycle will trigger a pre-alarm warning, followed by the full 100dB alarm if the disturbance continues.



Figure 2: Attaching the disc lock to a motorcycle brake disc

Disengaging the Lock

1. Insert the key into the lock cylinder.
2. Turn the key to unlock the device. The alarm will typically emit a warning beep as it detects movement during unlocking.
3. Promptly remove the lock from the brake disc to prevent the full alarm from sounding.
4. Store the lock in its carrying pouch when not in use.

MAINTENANCE

Battery Replacement

When the alarm sound becomes weak or inconsistent, it's time to replace the batteries. Refer to the "Battery Installation" section under Setup for detailed steps. Use two fresh AAA batteries.

Cleaning

Clean the lock body with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or internal components.

Lubrication

Periodically lubricate the lock cylinder with a non-greasy lock spray (e.g., graphite-based lubricant). Do not use oil or grease, as these can attract dirt and clog the mechanism.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm does not sound or is weak.	Low or dead batteries. Incorrect battery installation.	Replace batteries with two fresh AAA batteries, ensuring correct polarity.
Alarm triggers too easily or falsely.	Extreme wind conditions. Lock not fully engaged.	Ensure the lock is firmly engaged. In very windy conditions, consider additional security or repositioning the motorcycle. The 3D sensor is designed to minimize false alarms from minor disturbances.
Difficulty engaging/disengaging the lock.	Disc hole misalignment. Lock mechanism dirty or dry.	Ensure the lock pin is perfectly aligned with the disc hole. Clean and lubricate the lock cylinder as per maintenance instructions.
Key is stiff or difficult to turn.	Lock cylinder requires lubrication. Debris in keyway.	Apply a non-greasy lock spray to the keyway. Do not force the key.

SPECIFICATIONS

- **Model:** Granit Detecto X-Plus 8077
- **Security Level:** ABUS Security Level 18
- **Locking Bolt:** 13mm special hardened steel
- **Alarm Volume:** 100 dB
- **Alarm Technology:** ABUS 3D Position Detection System
- **Weight:** 880g
- **Material:** Alloy Steel
- **Battery Type:** 2 x AAA (Alkaline recommended)
- **GTIN:** 04003318190025

WARRANTY AND SUPPORT

ABUS products are manufactured to high quality standards and undergo rigorous testing. This product is covered by a manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included with your purchase or visit the official ABUS website for specific warranty terms and conditions in your region.

For technical support, spare parts, or warranty claims, please contact your local ABUS dealer or the ABUS customer

service department. Contact details can typically be found on the ABUS official website (www.abus.com).

Note: A theft protection policy may be available for this product, requiring a separate registration procedure. Please check with ABUS or your retailer for details.

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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