

Wunderlich 21172-002

Wunderlich Navigation Security Kit - Black (Model 21172-002) User Manual

Reliable Theft Protection for Motorcycle Navigation Systems

1. INTRODUCTION

This user manual provides essential information for the installation, operation, and maintenance of the Wunderlich Navigation Security Kit, Model 21172-002. This kit is designed to provide reliable theft protection for your motorcycle's navigation device, specifically compatible with the BMW S 1000 XR.

The original navigation system for the BMW S 1000 XR can be easily removed without security. This security kit prevents quick unauthorized access to the device, while still allowing the user to remove the navigation system quickly with the provided key.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in damage to the product, motorcycle, or personal injury.

- Ensure the motorcycle is stable and turned off before beginning installation.
- Use appropriate tools for installation to prevent damage to components.
- Do not overtighten screws or bolts. Refer to motorcycle manufacturer's torque specifications if applicable.
- Keep all components out of reach of children.
- If you are unsure about any step of the installation, consult a qualified motorcycle mechanic.

3. PRODUCT OVERVIEW

The Wunderlich Navigation Security Kit (Model 21172-002) includes the following components:

- Security lock mechanism (black coated stainless steel)
- Keys for the lock
- Mounting screws/bolts
- Washers and spacers (if applicable)



Figure 3.1: Components of the Wunderlich Navigation Security Kit. This image displays the main security lock mechanism with keys, along with the various screws, washers, and spacers required for installation.

4. SETUP AND INSTALLATION

This kit is designed for simple assembly. Follow these steps for proper installation:

1. **Prepare the Motorcycle:** Ensure your BMW S 1000 XR is parked on a stable surface and the ignition is off.
2. **Locate Navigation Mount:** Identify the existing mounting point for your navigation device on the motorcycle.
3. **Position the Security Kit:** Place the black-coated stainless steel security mechanism onto the navigation mount. Ensure it aligns correctly with the existing holes.
4. **Secure with Screws:** Use the provided mounting screws/bolts, washers, and spacers (if included) to firmly attach the security kit. Tighten the screws evenly, but do not overtighten.
5. **Test the Lock:** Insert the key into the lock and ensure the mechanism operates smoothly, securing and releasing the navigation device as intended.
6. **Final Check:** Verify that the security kit is securely mounted and does not interfere with the operation of the motorcycle or the navigation device.

Note: Specific installation steps may vary slightly depending on the exact model year of your BMW S 1000 XR. Refer to your motorcycle's service manual for detailed instructions on accessing the navigation mount area if needed.

5. OPERATING THE SECURITY KIT

Once installed, the security kit is straightforward to operate:

- **To Secure the Navigation Device:** Insert your navigation device into its mount. The security kit's locking arm will engage automatically or can be manually pushed into place, securing the device.
- **To Release the Navigation Device:** Insert the provided key into the lock and turn it to disengage the locking arm. This will allow you to remove your navigation device.
- **Key Management:** Keep your keys in a safe and accessible place. It is advisable to have a spare key.

6. MAINTENANCE

The Wunderlich Navigation Security Kit requires minimal maintenance to ensure long-term functionality:

- **Regular Inspection:** Periodically check all mounting screws for tightness. Vibration from riding can sometimes loosen fasteners.

- **Cleaning:** Clean the security kit with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the black coating.
- **Lubrication:** If the lock mechanism feels stiff, apply a small amount of graphite lubricant or a silicone-based spray specifically designed for locks. Do not use oil-based lubricants as they can attract dirt.
- **Corrosion Prevention:** The kit is made of stainless steel with a black coating, offering good corrosion resistance. However, in harsh environments (e.g., coastal areas, winter with road salt), occasional cleaning and a protective spray can further extend its life.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lock mechanism is stiff or difficult to turn.	Dirt or debris inside the lock; lack of lubrication.	Apply graphite lubricant or silicone spray to the lock cylinder. Clean any visible debris.
Navigation device does not feel secure.	Mounting screws are loose; incorrect installation.	Check and tighten all mounting screws. Review installation steps in Section 4.
Key is difficult to insert or remove.	Bent key; debris in keyway; worn lock cylinder.	Inspect key for damage. Clean keyway. If problem persists, contact Wunderlich support.

8. SPECIFICATIONS

- **Product Name:** Wunderlich Navigation Security Kit
- **Model Number:** 21172-002
- **Brand:** Wunderlich
- **Material:** Stainless steel, black coated
- **Compatibility:** BMW S 1000 XR (specific model years may apply, refer to product packaging)
- **Features:** Reliable theft protection, simple assembly, high-quality lock.

9. WARRANTY AND SUPPORT





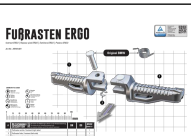

For warranty information and technical support regarding your Wunderlich Navigation Security Kit, please refer to the official Wunderlich website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Manufacturer: Wunderlich

Article Code: 21172-002

Note: Warranty terms and conditions may vary by region.



	<p>Wunderlich Topcasereling 11861-002/SCHWARZ: Installation and Parts Overview</p> <p>Discover the Wunderlich Topcasereling (part number 11861-002/SCHWARZ), a premium luggage rail system designed for BMW motorcycles. This document outlines the components and provides essential guidance for installation, ensuring secure and stylish luggage transport.</p>
	<p>Wunderlich TFT Display Theft Protection - Installation Guide</p> <p>Comprehensive installation guide for the Wunderlich TFT display theft protection system (Art. Nr: 21054-002). Includes parts list, fitting instructions, and important notes for secure mounting on motorcycles.</p>
	<p>Wunderlich Engine Guard Damping Rubber Installation Guide (Art. 13221-002) for BMW Motorcycles</p> <p>Step-by-step installation instructions for the Wunderlich Engine Guard Damping Rubber (Part No. 13221-002). Includes a parts list, torque specifications, and guidance for BMW motorcycle owners.</p>
	<p>Wunderlich USB Charging Box for Navigation Devices - Installation and Usage Guide</p> <p>Detailed guide for the Wunderlich USB Charging Box (Article No. 21179-002), including compatibility with Garmin ZUMO XT and TomTom Rider 550, installation steps, and important notes. Learn how to precharge your navigation device after deep discharge.</p>
	<p>Wunderlich ERGO Footrests for BMW Motorcycles - Installation Guide</p> <p>Detailed installation guide and product information for Wunderlich ERGO footrests (Art. Nr.: 25910-601) for BMW motorcycles. Includes part descriptions, assembly tips, and visual aids.</p>
	<p>Wunderlich Device Mount for Original Navigation Bracket with Peak Design Charging Adapter</p> <p>Installation guide for the Wunderlich device mount, designed for original navigation brackets and compatible with the Peak Design charging adapter. Includes parts list, assembly steps, and technical specifications. Article number: 39001-652.</p>

Documents - Wunderlich – 21172-002



[\[pdf\]](#) Instructions

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