

ROCKBROS 2017-12CBK

ROCKBROS MTB Pedals Model 2017-12CBK Instruction Manual

1. PRODUCT OVERVIEW

The ROCKBROS MTB Pedals (Model 2017-12CBK) are designed for mountain biking and various other cycling activities. These lightweight platform pedals feature a durable nylon fiber surface and a high-strength Cr-Mo spindle, engineered for reliable performance and rider comfort.



Figure 1: Top-down view of the ROCKBROS MTB Pedals, highlighting the wide platform and integrated pins.

2. KEY FEATURES

- **Sturdy & Durable Construction:** Crafted with a rugged nylon fiber surface and a high-strength Chromium-Molybdenum (Cr-Mo) steel spindle, these pedals offer excellent shock absorption, abrasion resistance, and corrosion protection.
- **Enhanced Grip:** Equipped with anti-skid nails on each side, the pedals provide a secure hold for your feet, preventing slippage even in muddy conditions.
- **Wide Platform & Lightweight Design:** Featuring a 4.1-inch wide platform and an ultralight design (approximately 0.8 lbs per pair), these ergonomic pedals incorporate high-speed DU bearings for

comfortable long rides and improved pedaling efficiency.

- **Easy Installation:** Pedals are clearly marked with 'CR-L' for the left pedal and 'CR-R' for the right pedal. Sealed bearings protect the spindles from water and dust, ensuring smooth operation and reducing maintenance.
- **Universal Compatibility:** The standard 9/16-inch spindle is compatible with a wide range of bicycles, including BMX, MTB, Mountain Bikes, Hybrid bikes, Cruisers, Cyclocross Bikes, Dirt Jumpers, Folding Bikes, Road Bikes (Touring), Track Bikes, Unicycles, and Urban Bikes (Fixed Gear).



Figure 2: Detailed view showing the nylon fiber surface, anti-skid nails, and Cr-Mo spindle.

3. INSTALLATION GUIDE

Proper installation ensures optimal performance and safety. Follow these steps to install your ROCKBROS MTB Pedals:

1. **Identify Left and Right Pedals:** Locate the markings on the pedal spindles. 'CR-L' indicates the left pedal, and 'CR-R' indicates the right pedal.
2. **Prepare Crank Arms:** Ensure the crank arm threads are clean and free of debris. Applying a small amount of grease to the pedal threads is recommended to prevent seizing and facilitate future removal.
3. **Install Right Pedal:** Thread the 'CR-R' pedal into the right crank arm (the side with the chainring). Turn clockwise to tighten.
4. **Install Left Pedal:** Thread the 'CR-L' pedal into the left crank arm. Note that the left pedal has a reverse thread, so turn counter-clockwise to tighten.
5. **Secure Pedals:** Use a 6mm Allen key or an appropriate pedal wrench to firmly tighten both pedals. Do not overtighten, but ensure they are secure to prevent loosening during rides.



Figure 3: Close-up of pedal spindles showing 'CR-L' (left) and 'CR-R' (right) markings for correct installation.

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Video 1: Official ROCKBROS video demonstrating the installation process of the bike pedals.

4. OPERATING INSTRUCTIONS

Once installed, your ROCKBROS MTB Pedals are ready for use. These platform pedals are designed to provide a stable and grippy surface for your feet, suitable for various riding styles and terrains.

- **Foot Placement:** Position your feet centrally on the pedal platform, ensuring the anti-skid pins engage with the sole of your shoe for maximum grip and control.
- **Pedaling Technique:** Utilize a smooth, circular pedaling motion. The wide platform and efficient bearings are designed to support consistent power transfer and reduce fatigue.
- **Adaptability:** The robust design is suitable for both casual rides and more aggressive mountain biking, offering stability on varied surfaces including dirt, gravel, and wet conditions.



Figure 4: The pedals are designed to maintain grip and performance even in wet conditions, as shown here.

5. MAINTENANCE

Regular maintenance will extend the lifespan and ensure the continued performance of your pedals.

- **Cleaning:** After riding in muddy or dusty conditions, clean the pedals with water and a mild detergent. Ensure all debris is removed from around the pins and spindle area.
- **Inspect Pins:** Periodically check the anti-skid pins for wear or damage. Replace any missing or severely worn pins to maintain optimal grip.
- **Check Spindle:** Ensure the pedal spindles remain securely tightened to the crank arms. If any looseness is detected, re-tighten using a 6mm Allen key or pedal wrench.
- **Bearing Care:** The pedals feature sealed DU bearings designed to be low-maintenance. Avoid disassembling the bearings unless necessary for specialized service.

Your browser does not support the video tag.

Video 2: Official ROCKBROS video detailing the construction and features of the bike pedals, useful for understanding maintenance points.

6. TROUBLESHOOTING

- **Pedals feel loose:** Check if the pedals are securely tightened to the crank arms. Re-tighten using the appropriate tool. If the issue persists, inspect the crank arm threads for damage.
- **Squeaking or grinding noise:** This may indicate an issue with the bearings or insufficient lubrication. Ensure the pedals are clean and properly installed. If the noise continues, professional inspection may be required.
- **Reduced grip:** Inspect the anti-skid pins for wear or damage. Replace any worn pins to restore optimal grip. Ensure your footwear is suitable for flat pedals.

7. SPECIFICATIONS

Attribute	Detail
Brand	ROCKBROS
Model Number	2017-12CBK
Material	Nylon Fiber (Surface), Cr-Mo Steel (Spindle)
Color	Black
Product Dimensions	4.7"L x 4.1"W (12cm L x 10.5cm W)
Item Weight	12.8 ounces (approx. 0.8 lbs per pair)
Thread Size	9/16 inches
Bearings	Sealed DU Bearings









Figure 5: Diagram illustrating the dimensions of the ROCKBROS MTB Pedals.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact ROCKBROS customer service directly. Keep your proof of purchase for any warranty claims.

Related Documents - 2017-12CBK

	<p>ROCKBROS Rear Bike Cargo Rack Installation Guide and Product Information</p> <p>Comprehensive guide for installing the ROCKBROS rear bike cargo rack, including compatibility checks, size recommendations, step-by-step instructions, and package contents. Learn how to properly mount your bike luggage carrier.</p>
<p>Instrukcja obsługi</p>  <p>Model: BC29</p>	<p>Rockbros BC29 Bicycle Headlight User Manual</p> <p>User manual for the Rockbros BC29 rechargeable bicycle headlight, detailing specifications, features, operating modes, battery indicator, charging instructions, mounting, dismounting, safety precautions, and warranty information.</p>
	<p>ROCKBROS Smart Brake Rear Light - Instructions and Specifications</p> <p>Detailed instructions and specifications for the ROCKBROS Smart Brake Rear Light, a bicycle rear light with multiple modes, induction braking, and IPX7 waterproof rating. Learn how to operate and maintain your bike light.</p>
	<p>Rockbros RHL1500 Bicycle Light User Manual and Installation Guide</p> <p>Comprehensive guide for the Rockbros RHL1500 bicycle light, covering installation, operating modes, features, warranty, and safety information. Includes technical specifications and troubleshooting tips.</p>

<div><p>ROCKBROS SMART BICYCLE TIREINFLATOR</p><p>User manual [01 - 04] 用戶手冊 [05 - 08] Benutzerhandbuch [09 - 12] Manuel de l'utilisateur [13 - 16] Manual de usuario [17 - 20] Manuale d'uso [21 - 24] 取扱説明書 [25 - 28]</p></div>	<p>ROCKBROS AS1PRO Portable Air Pump User Manual and Specifications</p> <p>Detailed user manual for the ROCKBROS AS1PRO portable electric air pump. Includes setup, operation, troubleshooting, performance data, and technical specifications for bicycle tires and sports equipment.</p>
<div><p>Model: A8 Pro</p><p>A8 Pro Anti-Theft Alarm Taillight</p><p>Batterie persönlich prüfen (Voll - 100%)</p><p>Check (Wichtig! - Indispensable notice)</p><ul style="list-style-type: none">1. Batterien werden nie wieder im Fall eines Defekts getauscht werden können.2. Batterien werden nie wieder im Fall eines Defekts getauscht werden können.3. Batterien werden nie wieder im Fall eines Defekts getauscht werden können.4. Batterien werden nie wieder im Fall eines Defekts getauscht werden können.<p>Warning (Wichtig! - Indispensable notice)</p><ul style="list-style-type: none">1. Batterien werden nie wieder im Fall eines Defekts getauscht werden können.</div>	<p>ROCKBROS A8 Pro Anti-Theft Alarm Taillight User Manual</p> <p>User manual for the ROCKBROS A8 Pro Anti-Theft Alarm Taillight, detailing its features, operating modes, remote control functions, personal settings, charging instructions, battery status, switch operation, accessories, and mounting procedures.</p>