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Topeak TUB-MSRX

Topeak TubiMaster RX Tubeless Tire Repair Kit User Manual

Brand: Topeak | Model: TubiMaster RX

1. PRODUCT OVERVIEW

The Topeak TubiMaster RX is a compact, multi-function tubeless tire repair and CO2 inflation kit designed specifically for road bikes. This kit features a Nano AirBooster CO2 inflator, TubiCartridge R16, and one 16g CO2 cartridge, all neatly packaged in a frame tube mount. The included mounting module with grip strap allows for easy attachment to your seatpost or bike frame, ensuring you're always prepared for quick repairs on the go.



Image 1.1: Assembled Topeak TubiMaster RX kit with CO2 cartridge.

Key Features:

- **Comprehensive Repair Kit:** Includes Nano AirBooster CO2 inflator, TubiCartridge R16, and one 16g CO2 cartridge for efficient tire repair and inflation.
- **Durable Inflator Head:** CNC aluminum inflator head fits both Presta and Schrader valves.
- **Easy Attachment:** Adjustable nylon strap and mounting module with grip strap allow secure attachment to seatpost, bike frame, or tubes.
- **Compact and Lightweight:** Measures 11.2 x 6.5 x 5.4 cm (4.4" x 2.6" x 2.1") and weighs only 150 g (5.29 oz), making it easy to carry on rides.
- **Versatile Mounting:** Designed for convenient mounting on various bike parts, ensuring quick access during rides.

2. WHAT'S INCLUDED

The Topeak TubiMaster RX kit includes the following components:

- Nano AirBooster CO2 inflator
- TubiCartridge R16 (tubeless repair plugs)
- One 16g CO2 cartridge
- Mounting module with grip strap



Image 2.1: All components of the TubiMaster RX kit.

3. SETUP AND INSTALLATION

The TubiMaster RX is designed for easy and secure attachment to your bicycle. Follow these steps to install the kit:

1. **Attach Mounting Module:** Secure the mounting module to your bike's seatpost, frame, or other suitable tube using the adjustable nylon grip strap. Ensure it is tightly fastened to prevent movement during rides.
2. **Insert CO2 Cartridge:** Thread the 16g CO2 cartridge into the Nano AirBooster inflator head. Do not

overtighten.

3. **Store TubiCartridge:** Place the TubiCartridge R16 (containing the tubeless repair plugs) into its designated slot on the mounting module.
4. **Secure Inflator:** Insert the assembled Nano AirBooster with CO2 cartridge into the mounting module. The kit should fit snugly and be easily accessible.



Image 3.1: TubiMaster RX kit securely mounted on a bike's seatpost.

4. OPERATING INSTRUCTIONS

4.1. Tubeless Tire Repair

Use the TubiCartridge R16 to quickly repair punctures in tubeless tires:

1. **Locate Puncture:** Identify the puncture in your tubeless tire.
2. **Prepare Plug:** Select a suitable repair plug from the TubiCartridge R16.
3. **Insert Plug:** Use the included insertion tool to push the repair plug firmly into the puncture. Ensure the plug is fully seated and seals the hole.
4. **Remove Tool:** Carefully withdraw the insertion tool, leaving the plug in place.
5. **Inflate Tire:** Proceed to inflate the tire using the CO2 inflator as described in the next section.

4.2. CO2 Tire Inflation

The Nano AirBooster CO2 inflator provides rapid tire inflation:

1. **Prepare Inflator:** Ensure a CO2 cartridge is securely threaded into the Nano AirBooster.
2. **Attach to Valve:** Press the inflator head firmly onto your tire's valve stem (Presta or Schrader). The CNC

aluminum head is compatible with both.

3. **Inflate:** Once attached, the CO2 will release, rapidly inflating your tire. Control the flow by adjusting the inflator head if necessary.
4. **Remove Inflator:** Once the desired pressure is reached, quickly remove the inflator from the valve stem.
5. **Check Pressure:** Always check tire pressure with a separate gauge after CO2 inflation, as CO2 can dissipate faster than air.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Topeak TubiMaster RX, follow these maintenance guidelines:

- **Cleaning:** Wipe down the inflator and mounting module with a damp cloth after use, especially if exposed to dirt or mud. Avoid harsh chemicals.
- **Storage:** Store the kit in a cool, dry place away from direct sunlight when not in use.
- **CO2 Cartridges:** Always replace used CO2 cartridges with new ones. Do not attempt to refill cartridges.
- **Repair Plugs:** Ensure the TubiCartridge R16 is always stocked with fresh repair plugs. Check for any signs of degradation on existing plugs.
- **Inspect Components:** Periodically inspect the inflator head, mounting strap, and other components for wear or damage. Replace any damaged parts immediately.

6. TROUBLESHOOTING

If you encounter issues with your TubiMaster RX, consider the following common solutions:

- **CO2 Leaks During Inflation:**
 - Ensure the CO2 cartridge is fully and correctly threaded into the inflator head.
 - Verify the inflator head is pressed firmly and squarely onto the tire valve stem.
 - Check the valve stem for damage or debris that might prevent a proper seal.
- **Repair Plug Not Sealing:**
 - Ensure the puncture is clean and free of debris before inserting the plug.
 - Use a plug size appropriate for the puncture.
 - Push the plug firmly into the tire, ensuring it passes through the tire casing.
 - If the puncture is too large or irregularly shaped, multiple plugs may be needed, or the tire may require professional repair.
- **Difficulty Attaching to Bike:**
 - Adjust the nylon grip strap to fit the diameter of your bike tube or seatpost.
 - Ensure the mounting surface is clean and dry for optimal grip.

If problems persist, please contact Topeak customer support for further assistance.

7. SPECIFICATIONS

Brand	Topeak
Model Name	TubiMaster RX

Part Number	TUB-MSRX
Material	Aluminum
Item Weight	154 Grams
Maximum Pressure	120 Pound per Square Inch
Included Components	16g Co2 cartridge, mounting strap
Item Package Dimensions L x W x H	8 x 4 x 2 inches



Image 7.1: Dimensions of the Topeak TubiMaster RX kit.

8. WARRANTY AND SUPPORT

The Topeak TubiMaster RX comes with a **2-year manufacturer warranty**.

For warranty claims, technical support, or additional product information, please visit the official Topeak store or contact their customer service directly.

Official Topeak Store: [Topeak Store on Amazon](#)

