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Blackburn Airstik SI Mini-pump

Blackburn Airstik SL Mini-Pump Instruction Manual

1. INTRODUCTION

The Blackburn Airstik SL Mini-Pump is a lightweight and compact solution for maintaining tire pressure or addressing flat tires while on the go. Weighing only 59 grams, its aluminum construction ensures durability and a timeless aesthetic. Designed with a dedicated push-on Presta head, it offers ease of use for cyclists. This pump includes a discreet frame mount, allowing for convenient attachment under your water bottle cage, ensuring it's always accessible when needed.



Image 1.1: The Blackburn Airstik SL Mini-Pump, a compact and lightweight bicycle pump.

2. PRODUCT FEATURES

- **Ultra-Lightweight:** Weighs only 59 grams, making it one of the lightest pumps available.
- **Compact Design:** Easily fits into a jersey pocket or mounts discreetly next to a water bottle cage.
- **Presta-Only Head:** Features a push-on, Presta-dedicated head for straightforward inflation.
- **Durable Construction:** Made from aluminum for enhanced durability and a premium look.
- **Frame Mount Included:** Comes with a discreet mount for attachment under your bike's water bottle cage.

3. PACKAGE CONTENTS

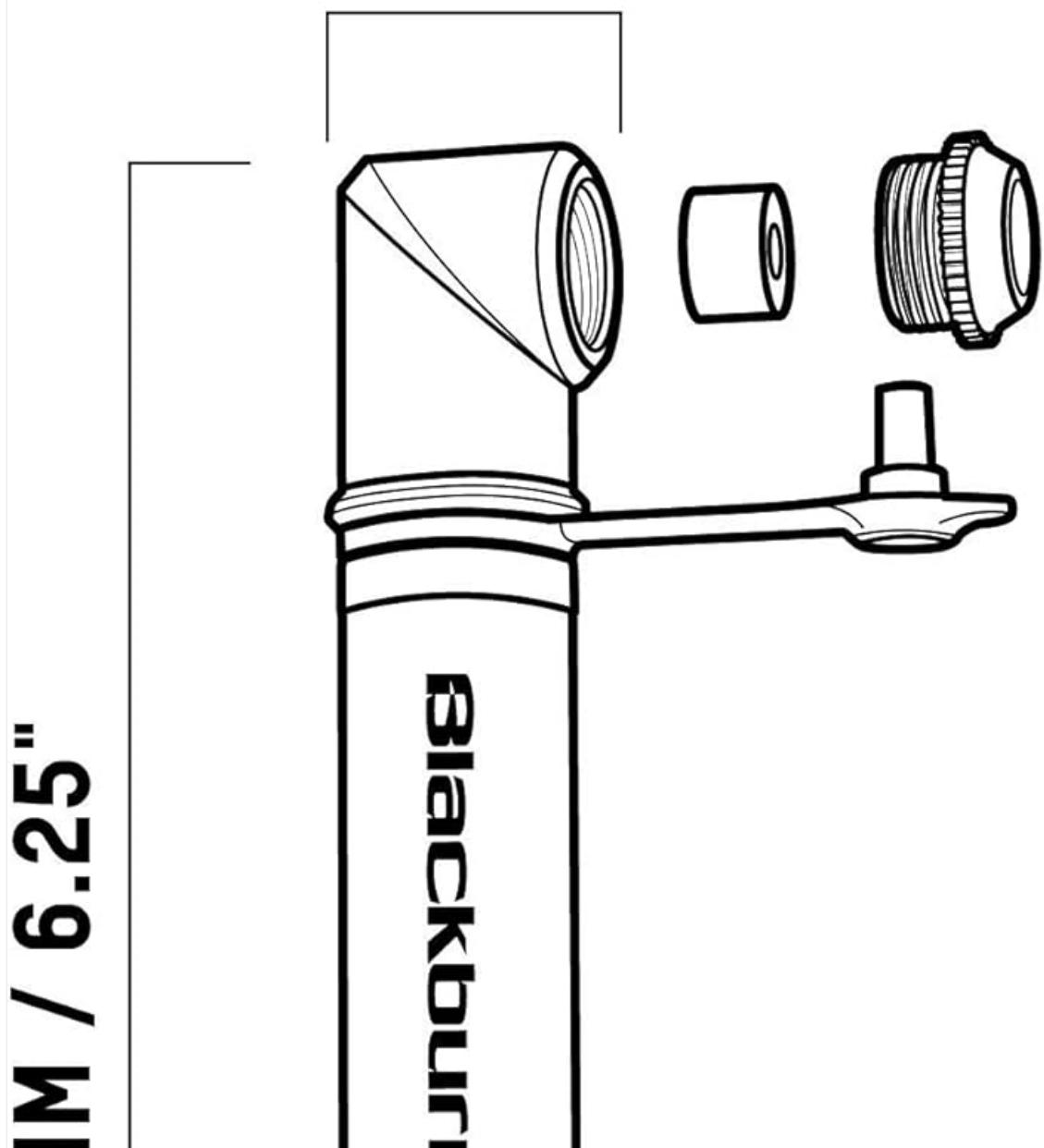
- Blackburn Airstik SL Mini-Pump (1)
- Frame Mount Bracket (1)

4. SPECIFICATIONS

Specification	Value

Color	Black
Brand	Blackburn
Material	Aluminum
Item Weight	59 Grams
Product Dimensions	9"L x 5"W x 3"H
Power Source	Handheld
Maximum Pressure	160 Pound per Square Inch
Operation Mode	Manual
Model Name	Airstik SI Mini-pump
Part Number	7159393

25MM / 1"



158M

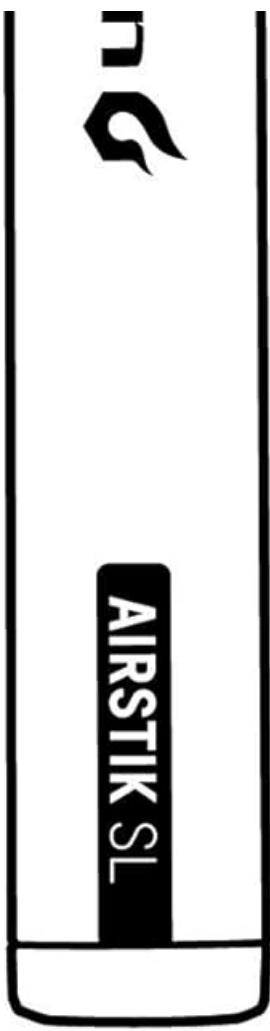


Image 4.1: Diagram illustrating the dimensions of the Blackburn Airstik SL Mini-Pump.

5. SETUP

5.1 Attaching the Frame Mount

The Airstik SL Mini-Pump comes with a discreet frame mount for convenient storage on your bicycle. This mount is designed to attach under your water bottle cage.

1. Locate the water bottle cage mounting points on your bike frame.
2. Place the frame mount bracket between your water bottle cage and the frame.
3. Secure both the water bottle cage and the pump mount using the existing water bottle cage bolts.
Ensure all components are tightened securely.
4. Once the mount is secured, the pump can be easily clipped into the bracket and held in place with the integrated strap.



Image 5.1: A user securing the Blackburn Airstik SL Mini-Pump into its frame mount.



Image 5.2: The Blackburn Airstik SL Mini-Pump securely mounted on a bicycle frame, ready for use.

6. OPERATING INSTRUCTIONS

6.1 Inflating a Presta Valve Tire

The Airstik SL Mini-Pump is designed specifically for Presta valves. Follow these steps to inflate your tire:

1. Unscrew the dust cap from your Presta valve.
2. Unscrew the small knurled nut at the top of the Presta valve stem until it is loose. Press down briefly on the valve stem to release a small amount of air, ensuring the valve is open.
3. Firmly push the pump head onto the Presta valve stem. The push-on design creates a seal without the need for a lever.
4. Begin pumping by extending and compressing the pump handle. Continue pumping until the desired tire pressure is achieved. Refer to your tire's sidewall for recommended pressure ranges.
5. Once inflated, quickly and firmly pull the pump head straight off the valve stem.
6. Tighten the small knurled nut on the Presta valve stem and replace the dust cap.



Image 6.1: Close-up view of the Blackburn Airstik SL Mini-Pump head attached to a Presta valve.



Image 6.2: A person actively using the Blackburn Airstik SL Mini-Pump to inflate a bicycle tire.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Blackburn Airstik SL Mini-Pump, regular maintenance is recommended:

- **Cleaning:** Wipe down the pump body with a clean, damp cloth after use, especially if it has been exposed to dirt or moisture. Avoid using harsh chemicals.
- **Lubrication:** Periodically apply a small amount of silicone-based lubricant to the pump's piston shaft to ensure smooth operation. Do not over-lubricate.
- **Seal Inspection:** Check the rubber seals (O-rings) inside the pump head for any signs of wear, cracking, or damage. Worn seals can lead to air leaks and reduced pumping efficiency. Replace if necessary.
- **Storage:** Store the pump in a dry, cool place away from direct sunlight and extreme temperatures when not in use.

8. TROUBLESHOOTING

If you encounter issues with your Airstik SL Mini-Pump, consider the following common problems and

solutions:

- **Pump not inflating tire:**

- Ensure the Presta valve's knurled nut is fully unscrewed and the valve has been briefly depressed to open it.
- Verify the pump head is pushed firmly and squarely onto the valve stem to create a tight seal.
- Check for damage to the pump's internal seals or the valve stem itself.

- **Air leaking from pump head:**

- The pump head may not be fully seated on the valve. Re-seat it firmly.
- Inspect the rubber gasket inside the pump head for wear or debris. Clean or replace if necessary.

- **Pump action feels stiff or gritty:**

- The piston shaft may require lubrication. Apply a small amount of silicone-based lubricant as described in the Maintenance section.
- Check for dirt or debris inside the pump body. Disassemble carefully if comfortable, clean, and reassemble.

9. WARRANTY

The Blackburn Airstik SL Mini-Pump is covered by a **Lifetime Warranty**. For specific terms, conditions, and to initiate a warranty claim, please refer to the official Blackburn website or contact their customer support.

10. SUPPORT

For further assistance, product information, or to purchase replacement parts, please visit the official Blackburn website or contact their customer service department:

- **Blackburn Official Website:** www.blackburndesign.com
- **Amazon Store:** [Visit the Blackburn Store on Amazon](#)