

SMITH Ignite Mips

SMITH Ignite Mips Helmet User Manual

Model: Ignite Mips

INTRODUCTION

This manual provides essential information for the proper use, adjustment, and care of your SMITH Ignite Mips Helmet. Please read it thoroughly before using your helmet to ensure maximum safety and performance. The SMITH Ignite helmet is designed for cycling, featuring advanced protection technologies like Mips and Koroyd for enhanced safety.

SAFETY INFORMATION

Your helmet is designed to reduce the risk of head injury in certain impacts. However, no helmet can protect against all possible impacts. Always ride with caution and follow all traffic laws. Replace your helmet after any significant impact, even if visible damage is not apparent.

Mips Safety Protection System

The Mips (Multi-Directional Impact Protection System) liner inside your helmet is designed to add protection against rotational motion transferred to the brain from angled impacts. This low-friction layer allows a multi-directional movement of 10-15mm on certain angled impacts, intended to help reduce rotational force to the head.

Koroyd Impact Protection

The helmet incorporates Zonal Koroyd Coverage, which consists of welded tubes that crumple instantly and consistently on impact. This technology absorbs maximum force in a controlled manner, minimizing energy transfer to the head and providing lightweight, energy-absorbing, and ventilated impact protection.



Image: Internal view of the SMITH Ignite Mips Helmet, highlighting the Koroyd and Mips safety features. Koroyd provides inner strength and ventilation, while Mips offers added protection against rotational impacts.

SETUP AND ADJUSTMENT

1. Sizing and Fit

Ensure you have selected the correct helmet size. The helmet should fit snugly and comfortably around your head without excessive pressure points. Refer to the size guide below.



Image: A rider wearing a SMITH Ignite MIPS Helmet, with an overlay of the helmet size guide. The guide provides head circumference measurements in centimeters for Adult XSmall (48-52 CM), Adult Small (51-55 CM), Adult Medium (55-59 CM), Adult Large (59-62 CM), and Adult XLarge (61-65 CM). To measure, wrap a flexible tape measure around the largest portion of your head, about one inch above your eyebrows.

2. VaporFit Dial System Adjustment

The VaporFit dial system allows for 270-degree fit adjustment. Place the helmet on your head and turn the dial at the back of the helmet clockwise to tighten the fit, or counter-clockwise to loosen it. Adjust until the helmet feels secure and comfortable, without moving excessively when you shake your head.

Your browser does not support the video tag.

Video: This video demonstrates the adjustment of the VaporFit dial system on the SMITH Ignite MIPS Helmet. The dial, located at the back of the helmet, is shown being turned to tighten and loosen the internal fit system, ensuring a secure and personalized fit.

3. Chin Strap and Buckle

Fasten the chin strap securely. The strap should be snug under your chin, allowing only one or two fingers to fit between the strap and your chin. The strap dividers should sit just below your ears.

4. Visor Adjustment

The visor on the SMITH Ignite helmet adjusts into three positions. This feature allows for easy storage of eyewear when not in use, or to optimize visibility and sun protection. Gently push or pull the visor to click it into your desired position.

OPERATING YOUR HELMET

Ventilation and AirEvac System

The helmet features 8 fixed vents for consistent airflow, designed to keep you cool during rides. The integrated AirEvac system works seamlessly with Smith eyewear to prevent foggy lenses, ensuring clear vision at all times.



Image: Front view of the SMITH Ignite Mips Helmet, showcasing its aerodynamic design and strategically placed ventilation vents for optimal airflow.

CARE AND MAINTENANCE

To maintain the integrity and longevity of your helmet, follow these guidelines:

- **Cleaning:** Use only mild soap and water to clean the helmet's exterior and interior pads. Avoid harsh chemicals, solvents, or abrasive cleaners, as these can damage the helmet's materials and protective properties.
- **Drying:** Allow the helmet to air dry completely at room temperature. Do not expose it to direct sunlight or high heat sources, which can degrade the materials.
- **Storage:** Store your helmet in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid storing it in places where it might be exposed to chemicals or fumes.
- **Inspection:** Regularly inspect your helmet for any signs of damage, such as cracks, dents, or frayed straps. If any damage is found, replace the helmet immediately.

TROUBLESHOOTING

If you encounter any issues with your SMITH Ignite Mips Helmet, refer to the following common solutions:

- **Helmet feels loose or shifts:** Adjust the VaporFit dial system by turning it clockwise until the helmet fits snugly without discomfort. Ensure the chin strap is properly tightened.
- **Helmet feels too tight or causes pressure points:** Loosen the VaporFit dial system by turning it counter-clockwise. Check if the helmet size is appropriate for your head circumference.
- **Eyewear fogging:** Ensure your eyewear is compatible with the AirEvac system. Adjust the helmet's position slightly to optimize airflow. Clean your eyewear and helmet vents regularly.
- **Unusual noises or rattling:** Inspect the helmet for any loose components. If the Mips liner appears to be rattling, this is normal as it is designed to move independently. If you suspect structural damage, discontinue use and contact support.

SPECIFICATIONS

Brand	SMITH
Model Name	Ignite Mips
Model Number	E007363JX5155
Color	Black
Size	Small
Age Range	Adult
Special Feature	Lightweight
UPC	716736334431
Item Dimensions (LxWxH)	12.63 x 9.88 x 7.5 inches
Item Weight	11.2 ounces
Outer Material	Acrylonitrile Butadiene Styrene (ABS)
Inner Material	Expanded Polystyrene
Recommended Use	Cycling

WARRANTY INFORMATION

SMITH products are manufactured to high-quality standards and are warranted against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the official SMITH website or contact customer support. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For further assistance, questions, or to report any issues with your SMITH Ignite Mips Helmet, please visit the official SMITH website or contact their customer service department. Contact information can typically be found on the product packaging or the brand's official website.

Online Resources: www.smithoptics.com

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