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> LS2 Advant X Modular Motorcycle Helmet User Manual

## LS2 Advant X

# LS2 Advant X Modular Motorcycle Helmet User Manual

Model: Advant X | Brand: LS2

## 1. INTRODUCTION

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This manual provides essential information for the proper use, maintenance, and care of your LS2 Advant X Modular Motorcycle Helmet. Please read these instructions thoroughly before using your helmet to ensure maximum safety and extend the product's lifespan.



Image: Front view of the LS2 Advant X modular helmet in solid matt black.

## Key Features:

- **Shell Material:** Constructed from Tri-composite HPFC (High Performance Fiberglass Composite) fibers, offering excellent resistance and lightness.
- **Weight:** Approximately 1550g +/- 50g, ensuring comfort during long rides.
- **Impact Absorption:** Features multi-density EPS (Expanded Polystyrene) for optimized shock absorption.
- **Chin Strap:** Reinforced chin strap with a quick and efficient micrometric buckle closure system to prevent chafing and ensure a secure fit.
- **Dual Homologation:** Certified with ECE22.06 dual homologation, allowing use as both a full-face and open-face (jet) helmet.

## 2. HELMET FITMENT AND SIZING

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A correctly fitting helmet is crucial for safety and comfort. Follow these steps to determine your size:

# HOW TO FIND THE BEST FIT FOR YOU ?



**1**

Place the measuring tape approximately 2 cm above the eyebrows, passing just above the ears and around the back of the skull.



**2**

Ensure the measuring tool is horizontal and flat against the head, without being too tight.  
Note the measurement in centimeters.

## **SIZES** **LS2 HELMETS** **(ADULT)**

- **XXS : 51/52cm**
- **XS : 53/54cm**
- **S : 55/56cm**
- **M : 57/58cm**
- **L : 59/60cm**
- **XL : 61/62cm**
- **2XL : 63/64cm**
- **3XL : 65/66cm**
- **4XL : 67/68cm**

Image: Guide on how to measure your head for the correct helmet size, including a size chart.

### **How to Measure:**

1. Place a measuring tape approximately 2 cm (0.8 inches) above your eyebrows, passing just above your ears and around the back of your skull.
2. Ensure the measuring tool is horizontal and flat against your head, without being too tight. Note the measurement in centimeters.

Refer to the LS2 size chart to find the corresponding helmet size. The helmet should fit snugly without causing pressure points. If it feels too loose or moves excessively, try a smaller size. If it causes discomfort or pain, try a larger size.

### **3. COMPONENTS OVERVIEW**

Familiarize yourself with the various parts of your LS2 Advant X helmet.



Side view: Shows the main visor, sun visor lever, and chin bar mechanism.



Rear view: Highlights the exhaust vents and rear shell design.



Interior view: Displays the comfortable padding and micrometric chin strap.



Chin bar raised: Demonstrates the modular functionality for open-face riding.

## 4. SETUP

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### 4.1. Visor Installation/Removal

The LS2 Advant X helmet features a quick-release visor system. To remove the main visor, open it fully, locate the release levers on each side, and press them while gently pulling the visor away from the helmet. To install, align the visor's pivots with the helmet's mechanism and push until you hear a click, ensuring it's securely fastened on both sides.

### 4.2. Chin Strap Adjustment

The micrometric buckle allows for easy and precise adjustment. To fasten, insert the tab into the buckle

until it clicks securely. To adjust tightness, pull the strap. To release, pull the red tab. Ensure the strap is snug under your chin, allowing only two fingers to fit comfortably between the strap and your throat.

## 5. OPERATING THE HELMET

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### 5.1. Modular Chin Bar Operation

To raise the chin bar, locate the release button, typically at the center front of the chin bar. Press the button and lift the chin bar upwards until it locks into the open position. To lower it, press the release button again and push the chin bar down until it securely latches into the closed, full-face position. Always ensure the chin bar is fully locked in either position before riding.



Image: Side view of the LS2 Advant X helmet with the chin bar in the raised position.

### 5.2. Visor System (Clear and Sun Visor)

The clear main visor can be opened and closed manually. The internal sun visor is operated by a slider

mechanism, usually located on the side or bottom edge of the helmet. Slide it down to deploy the sun visor and up to retract it. Use the sun visor only in bright conditions and retract it in low light or at night.

### 5.3. Ventilation System

The Advant X helmet is equipped with multiple vents for airflow. Front vents (chin and top) can be opened or closed to control air intake. Rear exhaust vents help to draw warm air out. Adjust these vents according to weather conditions for optimal comfort.

## 6. MAINTENANCE

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Regular maintenance ensures your helmet remains in optimal condition and provides maximum protection.

### 6.1. Exterior Cleaning

Clean the helmet shell with a soft, damp cloth and mild soap. Avoid abrasive cleaners, solvents, or petroleum-based products, as these can damage the shell material and finish. Rinse thoroughly and dry with a soft, clean cloth.

### 6.2. Interior Cleaning

The interior comfort padding is removable and washable. Gently detach the padding components. Hand wash them with mild soap and lukewarm water, or follow specific washing instructions provided with the helmet. Allow them to air dry completely before re-installing. Ensure all padding is correctly re-installed for proper fit and protection.

### 6.3. Visor Care

Clean visors with a soft cloth and lukewarm water. For stubborn dirt, use a specialized helmet visor cleaner. Do not use abrasive materials or harsh chemicals. The Pinlock anti-fog insert (if included) should be cleaned carefully with a soft, damp cloth only, avoiding rubbing. Store the helmet in its bag to prevent scratches.

### 6.4. Storage

Store your helmet in a cool, dry place away from direct sunlight and extreme temperatures. Keep it away from chemicals, fuels, and cleaning agents that could degrade the helmet materials. Use the provided helmet bag for protection against dust and scratches.

## 7. TROUBLESHOOTING

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Here are some common issues and potential solutions:

- **Visor Fogging:** Ensure the Pinlock insert is correctly installed (if applicable). Open vents for increased airflow. Consider using anti-fog sprays.
- **Helmet Feels Too Tight/Loose:** Re-check your head measurement against the size chart. Helmet padding will compress slightly over time, but a helmet should never be uncomfortably tight or dangerously loose.
- **Excessive Wind Noise:** Ensure all vents are closed if not needed. Check that the visor is fully closed and sealed. A snug fit is essential for minimizing noise.
- **Chin Bar Not Latching:** Ensure no debris is obstructing the locking mechanism. Apply gentle, firm pressure until it clicks into place. If the issue persists, contact support.

## 8. SPECIFICATIONS

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Detailed technical specifications for the LS2 Advant X Modular Motorcycle Helmet:

Feature	Specification
Brand	LS2
Model Name	Advant X
Model Number	569011011L
Color	Solid Matt Black
Material	Tri-composite HPFC Fiber
Weight	1.5 Kilograms
Certification	ECE 22.06 (Dual Homologation)
Helmet Type	Modular (Flip-Up)
Shell Type	Hard
Finish Type	Matte
Number of Vents	3
Vehicle Service Type	Motorcycle
Sport Type	Motorcycling
Shape	Oval
Included Components	Modular Motorcycle Helmet

## 9. WARRANTY INFORMATION

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The LS2 Advant X Modular Motorcycle Helmet comes with a **1-year product warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use. It does not cover damage caused by accidents, misuse, unauthorized modifications, or normal wear and tear. For warranty claims, please retain your proof of purchase and contact the retailer or LS2 customer service directly. They will guide you through the process of assessment and resolution.

## 10. CUSTOMER SUPPORT

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If you have any questions, require assistance with your helmet, or need further information not covered in this manual, please contact your authorized LS2 dealer or visit the official LS2 Helmets website for support resources.

Always prioritize your safety and ensure your helmet is in proper working order before every ride.