

Shark EVO-ES

SHARK EVO-ES Modular Motorcycle Helmet Instruction Manual

1. INTRODUCTION AND OVERVIEW

The SHARK EVO-ES modular helmet combines SHARK's expertise in modular helmet design, offering optimal protection in both jet (open-face) and integral (full-face) configurations. This manual provides essential information for the safe and effective use, maintenance, and care of your EVO-ES helmet.

Key Features:

- **Shell:** Injected thermoplastic resin for durability and safety.
- **Shell Sizes:** Two shell sizes for optimal morphological adaptation across different head shapes.
- **Retention System:** Micrometric buckle for secure and easy fastening.
- **Impact Absorption:** Multi-density EPS (Expanded Polystyrene) for enhanced protection.
- **Main Visor:** VZ 150 anti-scratch and anti-fog treated visor.
- **Visor Mechanism:** Patented "Auto-up / Auto-down" system for automatic visor movement when raising or lowering the chin bar.
- **Sun Visor:** Integrated UV380 approved anti-scratch sun visor.
- **Visor Removal:** Quick visor disassembly system for easy cleaning or replacement.
- **Interior:** "BIRD EYES" black textile interior, removable and washable (max 30 °C).
- **Comfort:** EasyFit system designed for optimal comfort for glasses wearers.
- **Noise Reduction:** Retractable magnetic anti-noise chin curtain.
- **Intercom Ready:** Slot provided for Sharktooth® intercom system.
- **Ventilation:** 3 air inlets and 2 air extractors for optimized airflow.
- **Aerodynamics:** Optimized through Computational Fluid Dynamics (CFD) analysis.

- **Certification:** ECE 22.05 approved.

2. WHAT'S IN THE BOX

Upon opening your SHARK EVO-ES helmet package, you should find the following:

- SHARK EVO-ES Modular Motorcycle Helmet

3. SETUP

Measuring Your Head Size

To ensure the correct helmet size, accurately measure your head circumference. Use a flexible measuring tape and wrap it horizontally around the widest part of your head, approximately 1 inch (2.5 cm) above your eyebrows and ears. Refer to the sizing chart below.



Illustration showing how to measure head circumference for helmet sizing. Use a measuring tape around the widest part of your head, just above the eyebrows and ears.

Helmet Sizing Chart

Once you have your head circumference measurement, find the corresponding size in the table below. A properly fitted helmet is crucial for safety.

Guida alle taglie

Per conoscere la taglia del tuo casco, devi misurare la circonferenza della testa. Per questo puoi aiutarti, ad esempio, con un metro o un filo. Una volta ottenuto questo valore troverete la taglia corrispondente.



Dimensioni dello scafo

La maggior parte dei caschi ha due calotte (parte esterna) per l'intera gamma di taglie. Se ci sono più conchiglie, puoi prenderne una più adatta alla dimensione della tua testa senza dover portare il peso e le dimensioni di una conchiglia troppo grande per te.

TAGLIE PER ADULTI	CIRCONFERENZA DELLA TESTA
XXS	51-52 cm
XS	53-54 cm
S	55-56 cm
M	57-58 cm
L	59-60 cm
XL	61-62 cm
XXL	63-64 cm
3XL	65-66 cm
4XL	67-68 cm

Table displaying helmet sizes (XXS to 4XL) corresponding to head circumferences in centimeters. This helps ensure a proper and safe fit.

Adult Helmet Sizes

Size	Head Circumference
XXS	51-52 cm
XS	53-54 cm
S	55-56 cm
M	57-58 cm
L	59-60 cm
XL	61-62 cm
XXL	63-64 cm
3XL	65-66 cm
4XL	67-68 cm

Proper Fit

A helmet that fits correctly is essential for your safety and comfort. Follow these guidelines:

- The helmet should fit snugly around your entire head without any painful pressure points.
- The cheek pads should press firmly against your cheeks.
- When you try to move the helmet from side to side or up and down, your skin should move with it, indicating a

secure fit.

- Fasten the micrometric buckle securely under your chin. It should be tight enough that you cannot easily pull the helmet off your head.

4. OPERATING YOUR HELMET

Chin Bar Operation (Modular Function)

The EVO-ES helmet features a modular design, allowing you to ride with the chin bar in either the open (jet) or closed (full-face) position.

- **To Raise the Chin Bar:** Locate the release mechanism (typically a button or lever at the front base of the chin bar). Press this mechanism and lift the chin bar upwards until it locks securely into the open position.
- **To Lower the Chin Bar:** Press the release mechanism again and gently push the chin bar downwards until it securely latches into the closed, full-face position. Ensure it is fully locked before riding.
- **Auto-up / Auto-down System:** The patented system automatically adjusts the main visor's position when the chin bar is moved, ensuring smooth transitions between configurations.

Main Visor (VZ 150)

The VZ 150 main visor is treated for anti-scratch and anti-fog properties.

- **Opening/Closing:** Use the tab located on the visor to easily raise or lower it.
- **Quick Removal System:** For cleaning or replacement, the visor can be quickly removed. Consult the detailed instructions provided in the physical manual for specific steps on releasing the visor mechanism.

Integrated Sun Visor

The helmet includes an integrated UV380 approved anti-scratch sun visor for protection against glare.

- **Deployment/Retraction:** Use the slider mechanism, typically located on the left side of the helmet, to deploy or retract the sun visor as needed.

Ventilation System

The EVO-ES helmet is equipped with 3 air inlets and 2 air extractors to provide optimal airflow and comfort.

- **Adjusting Vents:** Locate the sliders or switches on the helmet's exterior (typically on the chin bar and top of the helmet) to open or close the air inlets and extractors, controlling the internal airflow.



Front view of the SHARK EVO-ES modular motorcycle helmet, showcasing the main visor and ventilation system.



Side view of the SHARK EVO-ES modular motorcycle helmet, illustrating its sleek design and chin bar in the closed position.

5. MAINTENANCE

Exterior Cleaning

To maintain the appearance and integrity of your helmet:

- Clean the helmet shell with a soft, damp cloth and a mild, pH-neutral soap.
- Avoid using harsh chemicals, solvents, or abrasive cleaners, as these can damage the shell material and finish.
- Rinse thoroughly with clean water and dry with a soft, lint-free cloth.

Visor Cleaning

Proper care of your visors ensures clear vision:

- Clean both the main visor and the integrated sun visor with a soft cloth and warm water.
- For stubborn dirt or insects, use a specialized helmet visor cleaner.
- Never use abrasive cleaners, paper towels, or rough cloths, as these can scratch the anti-scratch coatings.
- Allow visors to air dry or gently pat dry with a microfiber cloth.

Interior Cleaning

The "BIRD EYES" interior textile is designed for easy cleaning:

- Carefully remove the interior padding from the helmet.
- Wash the padding by hand or in a washing machine on a gentle cycle at a maximum temperature of 30 °C (86 °F). Use a mild detergent.
- Do not tumble dry. Allow the padding to air dry completely in a well-ventilated area, away from direct heat or sunlight, before reinserting it into the helmet.

Storage

Proper storage extends the life of your helmet:

- Store your helmet in a cool, dry place, away from direct sunlight, extreme temperatures, and humidity.
- Use a helmet bag to protect it from dust and scratches when not in use.
- Do not store the helmet near chemicals or solvents that could damage its materials.

6. TROUBLESHOOTING

Visor Fogging

- Ensure the anti-fog coating on your VZ 150 visor is intact and clean.
- Check that the helmet's ventilation ports are open to allow for proper airflow.
- In very cold or humid conditions, slightly crack the visor open or consider using an additional anti-fog insert if fogging persists.

Chin Bar Not Latching Securely

- Ensure there are no obstructions (e.g., scarf, clothing, debris) preventing the chin bar from fully closing and engaging the locking mechanism.
- Check the locking mechanism itself for any visible damage or foreign objects.
- If the issue persists, do not use the helmet in full-face mode and contact customer support.

Discomfort or Pressure Points

- Verify that you have the correct helmet size by re-measuring your head and comparing it to the sizing chart.
- Ensure the helmet is positioned correctly on your head.
- Allow for a break-in period for new padding, as it will conform to your head over time.
- If you wear glasses, ensure the EasyFit system is properly accommodating them.

7. SPECIFICATIONS

Feature	Detail
Model Name	EVO-ES
Part Number	HE9802EA06
Shell Material	Injected thermoplastic resin
Weight	1.75 Kilograms
Certification	ECE 22.05
Main Visor	VZ 150 anti-scratch and anti-fog
Sun Visor	UV380 approved, anti-scratch
Interior Fabric	"BIRD EYES" black textile, removable and washable
Special Features	EasyFit system for glasses, Sharktooth® intercom slot
Ventilation	3 air inlets, 2 air extractors
Chin Strap	Micrometric buckle

8. WARRANTY AND SUPPORT

Warranty Information

The SHARK EVO-ES helmet is covered by a **1-year product warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use. Please retain your proof of purchase for any warranty claims.

The warranty does not cover damage caused by accidents, improper use, modifications, or normal wear and tear.

Customer Support

For further assistance, technical support, or warranty inquiries, please contact your authorized SHARK dealer or visit the official SHARK website. You can also find more information and products at the [Shark Store](#).

