

LS2 Arrow Evo

LS2 Helmets Arrow Evo Helmet User Manual

Model: Arrow Evo | Brand: LS2 Helmets

INTRODUCTION

The LS2 Arrow Evo Helmet is a high-performance full-face motorcycle helmet engineered for safety and comfort. Designed with input from professional racers, it features a lightweight, aerodynamic Kevlar reinforced Carbon Fiber shell, an optically correct visor, and an advanced ventilation system. This manual provides essential information for the proper setup, operation, maintenance, and care of your LS2 Arrow Evo Helmet to ensure its longevity and your safety.



This image displays the LS2 Arrow Evo Helmet from a front-side angle, showcasing its aerodynamic design and the blue/hi-viz yellow color accents on a black and white graphic base. The clear visor is visible, along with the ventilation points on the top and chin.

SETUP AND INITIAL USE

Fitting Your Helmet

A proper fit is crucial for safety and comfort. The Arrow Evo helmet is designed with a long oval fit and comes in 3 shell sizes for an optimal fit. It is recommended to try on the helmet to ensure a snug, yet comfortable fit.

1. **Head Measurement:** Measure your head circumference at the widest point, just above your eyebrows.

2. **Try-On:** Place the helmet on your head. It should feel snug around your cheeks and crown without causing pressure points.
3. **Retention System:** Secure the Double-D Ring strap firmly under your chin. Ensure it is tight enough so the helmet does not move excessively when you try to pull it off your head.
4. **Emergency Quick Release System:** Familiarize yourself with the Emergency Quick Release System for the removable cheek pads, designed for safe helmet removal in an emergency.

Visor Preparation

The helmet comes with a race-ready 3mm flat shield that is Pinlock ready, with the Pinlock insert included.

- **Pinlock Installation:** Carefully install the Pinlock anti-fog insert onto the visor's pins according to the instructions provided with the Pinlock lens. Ensure a tight seal for optimal anti-fog performance.
- **Tear-Off Posts:** The visor includes tear-off posts for racing applications.

OPERATION

Visor Operation

The optically correct, Class A polycarbonate face shield can be quickly and easily swapped using tool-less quick release technology. The visor operates in either a fully open or fully closed position.

- **Opening/Closing:** Use the tab on the visor to lift or lower it. Ensure it clicks securely into the fully closed position for riding.
- **Removal/Installation:** Refer to the quick-release mechanism instructions for detaching and reattaching the visor.

Ventilation System

The helmet features fully adjustable flow-through ventilation to help keep you cool and comfortable during rides.

- **Chin Vent:** Adjust the slider on the chin bar to control airflow to the face and visor.
- **Top Vents:** Open or close the vents on the top of the helmet to regulate airflow over the scalp.
- **Rear Exhaust Vents:** Air is drawn through the helmet and exhausted from the rear vents, promoting continuous airflow.

CARE AND MAINTENANCE

Proper care extends the life of your helmet and maintains its protective qualities.

Cleaning the Shell

- Use a soft, damp cloth and mild soap (like dish soap) to clean the exterior shell.
- Avoid abrasive cleaners, solvents, or petroleum-based products, as these can damage the helmet's finish and materials.

- Rinse thoroughly with clean water and dry with a soft, lint-free cloth.

Liner Care

- The technical fabric liner is fully removable and washable.
- Hand wash the liner components with mild soap and cool water.
- Air dry completely before reinserting into the helmet. Do not machine wash or tumble dry.

Visor Care

- Clean the visor with a soft cloth and clean water. For stubborn dirt, use a mild soap solution.
- Do not use abrasive cleaners or paper towels, which can scratch the visor.
- For the Pinlock insert, clean only with a soft, damp cloth and mild soap. Avoid rubbing the inner surface excessively.

TROUBLESHOOTING

- **Helmet feels too tight or causes pressure points:** The helmet has a '200 M.P.H. fit' and runs small for a snug, racer fit. If you prefer a more comfortable fit, consider purchasing one size larger than your normal size. The padding may also break in slightly over time.
- **Visor fogging:** Ensure the Pinlock insert is correctly installed and sealed against the visor. If fogging persists, check for proper ventilation by opening the chin and top vents.
- **Excessive wind noise:** Ensure the visor is fully closed and sealed. Check that all vents are properly closed if you wish to reduce airflow and noise.

TECHNICAL SPECIFICATIONS

Feature	Detail
Model Name	Arrow Evo
Shell Material	High-Performance Fiberglass Composite (HPFC), Kevlar, Carbon Fiber
Shell Sizes	3
Visor Type	3mm thick, Class A Polycarbonate, Optically Correct, Pinlock Ready (insert included), Tear-off Posts
Retention System	Double-D Ring
Liner	Removable, Washable, Moisture-wicking Technical Fabric, 3D Laser-cut cheek pads
Ventilation	Fully adjustable flow-through ventilation

Feature	Detail
Safety Standards	Meets or exceeds FIM FRHPhe-01, DOT FMVSS 218, and ECE 22.05 certification
Fit Type	Long Oval
Item Weight	16 Pounds (approximate, varies by size)

WARRANTY AND SUPPORT

LS2 Helmets are manufactured to high-quality standards. For specific warranty information regarding your Arrow Evo Helmet, please refer to the warranty card included with your product or visit the official LS2 Helmets website. For further assistance, product inquiries, or support, you can visit the official LS2 Store on Amazon or contact LS2 customer service directly.

LS2 Store: [Visit the LS2 Store on Amazon](#)

OFFICIAL PRODUCT VIDEOS

No official product videos from the seller are available for embedding at this time.