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› ScorpionEXO ST1400 Carbon Fiber Motorcycle Helmet User Manual

ScorpionEXO ST1400 Carbon Full Face Helmet (Model 14C-0106)

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Model: ST1400 Carbon Full Face Helmet (Model 14C-0106)

INTRODUCTION

This manual provides essential information for the proper use, maintenance, and care of your ScorpionEXO ST1400 Carbon Fiber Full Face Motorcycle Helmet. Designed with advanced engineering and materials, the ST1400 offers a lightweight, aerodynamic profile with integrated features such as the SpeedView Sun Visor, AirFit Custom Fit System, and Aero-Tuned Ventilation. Please read this manual thoroughly before using your helmet to ensure maximum safety and performance.

PRODUCT OVERVIEW



Figure 1: Side view of the ScorpionEXO ST1400 Carbon Fiber Helmet, showcasing its sleek design and carbon fiber weave.



Figure 2: Front view of the ScorpionEXO ST1400 Carbon Fiber Helmet, highlighting the main visor and top ventilation system.

The ST1400 helmet features a resin-infused TCT-U 3K carbon fiber shell, providing exceptional impact dispersal. Its aerodynamic design minimizes lift and turbulence for a stable ride. Key features include:

- **AirFit Inflation Adjustment System:** Allows for user-defined fit customization.
- **SpeedView Sun Visor:** Integrated retractable sun visor for varying light conditions.
- **Aero-Tuned Ventilation:** Efficient airflow system for cooling and humidity control.
- **KwikWick III Interior:** Removable and washable moisture-wicking liner.
- **Ellip-Tec II Ratchet System:** Ensures a secure seal for the main shield.
- **Emergency Quick-Release Cheek Pad System:** For safe helmet removal in emergencies.

SETUP AND FITTING

1. Sizing and Initial Fit

Before first use, ensure the helmet is the correct size for your head. A properly fitting helmet should be snug around your head and cheeks without causing pressure points. To determine your size, measure your head circumference just above your eyebrows and around the largest part of your head.

Adult Helmet Sizing Chart			
SIZE	Circumference Inches	Circumference CM	Hat size
XS	20 7/8 - 21 1/4	53-54cm	6 5/8 - 6 3/4
SM	21 5/8 - 22	55-56cm	6 7/8 - 7
MD	22 7/16 - 22 3/4	57-58cm	7 1/8 - 7 1/4
LG	23 1/8 - 23 5/8	59-60cm	7 3/8 - 7 1/2
XL	24 - 24 3/8	61-62cm	7 5/8 - 7 3/4
2XL	24 3/4 - 25 3/16	63-64cm	7 7/8 - 8
3XL	25 9/16 - 26	65-66cm	8 1/8 - 8 1/4
Youth Helmet Sizing Chart			
SIZE	Circumference Inches	Circumference CM	Hat size
Y-SM	18 7/8 - 19 1/4	48-49cm	Y-SM
Y-MD	19 3/4 - 20 1/8	50-51cm	Y-MD
Y-LG	20 1/2 - 20 7/8	52-53cm	Y-LG

Figure 3: Adult Helmet Sizing Chart. Refer to this chart to find the appropriate helmet size based on your head circumference in inches or

centimeters.

2. AirFit Inflation Adjustment System

The AirFit system allows for fine-tuning the fit of the cheek pads. Locate the inflation bulb near the chin bar and the release valve. To inflate, repeatedly press the bulb until the desired snugness is achieved. To deflate, press the release valve. This system helps to customize the fit for comfort and stability during rides.

3. Chin Strap Fastening

Always secure the chin strap firmly. The ST1400 uses a double D-ring retention system. Thread the strap through both D-rings, then back through the first D-ring. Pull tight until snug under your chin. Ensure there is no slack and the helmet cannot be rolled off your head.

OPERATING INSTRUCTIONS

1. Main Visor Operation (EverClear Shield)

The EverClear Shield features state-of-the-art fog-free technology and an anti-scratch coating. To open or close the visor, use the tab located at the bottom center. The Ellip-Tec II ratchet system ensures a firm seal when closed. A "City Position" adjustment provides a small opening for increased airflow during low-speed riding.



Figure 4: Close-up of the Ellip-Tec II ratchet system on the helmet visor, showing the mechanism for secure closure and easy removal.

2. SpeedView Sun Visor

The integrated SpeedView sun visor can be deployed or retracted using the slider mechanism located on the left side of the helmet. This allows for quick adaptation to changing light conditions without needing to change the main shield. The sun visor also features an EverClear anti-fog coating.

3. Ventilation System

The Aero-Tuned Ventilation system provides optimal airflow. The helmet features adjustable dual ram-air intakes on the top and a chin vent. Exhaust vents are integrated into the rear spoiler. Adjust the sliders on the vents to control the amount of airflow for cooling and to reduce humidity inside the helmet.



Figure 5: Top view of the helmet's ventilation system, showing the adjustable ram-air intake for controlling airflow.

4. Bluetooth Communication Integration

The ST1400 is designed to seamlessly integrate with the EXO-COM Communicator Kit or other compatible Bluetooth systems (sold separately). Speaker pockets are provided within the helmet for easy installation of communication devices.

MAINTENANCE AND CARE

1. Cleaning the Exterior Shell

Clean the helmet's exterior with a soft cloth and mild soap and water. Avoid abrasive cleaners, solvents, or petroleum-based products, as these can damage the shell finish and protective coatings. Rinse thoroughly and dry with a soft, clean cloth.

2. Visor Care

The EverClear shield and SpeedView sun visor should be cleaned with a soft, damp cloth and mild soap. Do not use harsh chemicals or abrasive materials. For best results, remove the main shield for cleaning. Allow to air dry or gently blot with a microfiber cloth.

3. KwikWick III Interior Removal and Washing

The KwikWick III interior liner and cheek pads are removable and washable. Gently detach the components from the helmet shell. Hand wash in cold water with mild soap or machine wash on a gentle cycle in a laundry bag. Air dry completely before re-installing. Do not tumble dry or use bleach.

4. Storage

Store your helmet in a cool, dry place away from direct sunlight and extreme temperatures. Use a helmet bag to protect it from dust and scratches when not in use.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Helmet feels too loose or too tight	Incorrect size or AirFit system adjustment.	Verify sizing using the chart. Adjust AirFit system by inflating/deflating cheek pads.
Visor fogging	High humidity, lack of airflow.	Ensure visor is properly sealed. Open chin vent or use "City Position" for more airflow. Clean visor.

Issue	Possible Cause	Solution
Excessive wind noise	Improper fit, open vents, or shield not fully sealed.	Ensure helmet fits snugly (use AirFit). Close all vents. Check main shield for proper seating and seal.
Difficulty operating sun visor	Mechanism obstruction or dirt.	Check for debris around the slider mechanism. Clean the sun visor track if accessible.

SPECIFICATIONS

Feature	Detail
Model Name	ST1400 Carbon Full Face Helmet
Part Number	14C-0106
Shell Material	Resin-infused TCT-U 3K Carbon Fiber
Weight (Size Medium)	± 1,383 grams / 3.05 lbs
Certifications	U.S. DOT FMVSS No. 218 Certified, ECE Certified
Visor Type	EverClear Shield (Anti-fog, Anti-scratch, 95% UV-A & UV-B protection)
Sun Visor	Integrated SpeedView drop-down sun-visor with EverClear anti-fog coating
Interior Liner	Removable/Washable KwikWick III interior, KwikFit 3D sculpted cheek pads
Retention System	Double D-ring
Ventilation	Aero-tuned with adjustable dual ram-air intakes and spoiler integrated exhaust
Bluetooth Ready	Speaker pockets, compatible with EXO-COM Communicator Kit (sold separately)

WARRANTY INFORMATION

The ScorpionEXO ST1400 Carbon Fiber Helmet comes with a **5-Year Warranty** from the date of purchase through the manufacturer, or 7 years from the manufacture date, whichever comes first. This warranty covers defects in materials and workmanship under normal use. For warranty claims or detailed terms and conditions, please refer to the official ScorpionEXO website or contact their customer support.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your ScorpionEXO ST1400 helmet, please visit the official ScorpionEXO website or contact their customer service department. Always refer to your helmet's specific model and serial number when seeking support.

Official Website: www.scorpionusa.com

