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Shoei Neotec 3

Shoei Neotec 3 Modular Motorcycle Helmet User Manual

Comprehensive guide for the setup, operation, and maintenance of your Shoei Neotec 3 helmet.

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1. INTRODUCTION

The Shoei Neotec 3 is a state-of-the-art modular motorcycle helmet designed for optimal safety, comfort, and versatility. It features an innovative flip-up design, advanced ventilation, and a robust shell construction to enhance your riding experience. This manual provides essential information for the proper use, care, and maintenance of your Neotec 3 helmet.



Figure 1: Shoei Neotec 3 Modular Motorcycle Helmet, Anthracite Metallic.

2. INITIAL SETUP

Your Shoei Neotec 3 helmet comes with several components to ensure a complete and comfortable riding solution. Before your first ride, please ensure all components are correctly installed and adjusted.

2.1 Included Components

- Helmet
- Breath Guard
- Anti-Fog Sheet (Pinlock)
- Helmet Bag
- Instruction Manual (this document)

2.2 Installing the Anti-Fog Sheet (Pinlock)

The mist-retardant CNS-3C Pinlock shield is crucial for clear vision in various weather conditions. If not pre-

installed, carefully follow the instructions provided with the Pinlock insert to attach it to the main visor. Ensure the silicone bead on the Pinlock insert creates a tight seal against the visor to prevent fogging.



Figure 2: Detail of the visor system, showing where the Pinlock insert is installed for anti-fogging.

2.3 Adjusting the Chin Strap

The stainless steel micro ratchet chin strap system provides a secure and precise fit. To fasten, insert the ratchet into the buckle until it clicks securely. To release, pull the red tab to disengage the ratchet. Ensure the strap is snug but comfortable, allowing for proper helmet retention without causing discomfort.



Figure 3: The micro ratchet chin strap for secure fastening.

3. OPERATION

3.1 Flip-Up Mechanism

The Neotec 3 features a versatile flip-up face cover and face shield, allowing for easy transition between full-face and open-face configurations. To lift the chin bar, locate the release button at the front center of the chin bar and press it firmly while lifting the chin bar upwards until it locks into place. To close, simply pull the chin bar down until it securely latches.



Figure 4: The Neotec 3 in its open-face configuration.

3.2 QSV-2 Sun Shield Visor System

The integrated QSV-2 Sun Shield provides instant relief from sun glare. It can be easily deployed or retracted using the slider located on the left side of the helmet. This system offers clear vision in various lighting conditions without needing to change visors.



Figure 5: Helmet with the internal sun visor extended.

3.3 Ventilation System

The Neotec 3 features multiple venting and extraction points for superior airflow. Adjust the chin vent, top vent, and rear exhaust vents to optimize air circulation and keep you cool and comfortable. These vents are designed for efficient air intake and exhaust, reducing heat buildup inside the helmet.



Figure 6: Top view highlighting the helmet's ventilation system.

3.4 Official Product Video

Watch the official product video for a visual guide on the features and operation of the Shoeni Neotec 3 helmet.

Your browser does not support the video tag.

Video 1: SHOEI Neotec 3 - Pushing Boundaries. This video showcases the key features and design philosophy behind the Neotec 3 helmet, including its modular functionality, visor system, and aerodynamic properties.

4. MAINTENANCE

Proper maintenance ensures the longevity and safety of your helmet. Always refer to the detailed instructions in the official User Manual (PDF) for comprehensive cleaning and care procedures.

4.1 Cleaning the Exterior

Use a soft cloth dampened with mild soap and water to clean the helmet's exterior. Avoid abrasive cleaners or solvents, as these can damage the finish and shell material. Dry thoroughly with a clean, soft cloth.

4.2 Visor Care

Remove the visor for cleaning. Use only warm water and a soft cloth. For stubborn dirt, a specialized helmet visor cleaner can be used. Do not use harsh chemicals. The Pinlock insert should be cleaned separately with a soft, damp cloth and allowed to air dry.

4.3 Interior Liner Removal and Cleaning

The interior comfort liner and cheek pads are removable for cleaning. Gently detach them from the helmet shell. Hand wash with mild soap and lukewarm water, or machine wash on a gentle cycle in a mesh laundry bag. Air dry completely before re-installing. Ensure all components are dry to prevent mildew and odors.



Figure 7: The interior of the helmet with removable padding for cleaning.

5. TROUBLESHOOTING

5.1 Visor Fogging

If your visor fogs up despite the Pinlock insert, ensure the Pinlock is correctly installed and sealed against the main visor. Adjusting the helmet's ventilation by opening the chin and top vents can also help reduce fogging by increasing airflow.

5.2 Excessive Wind Noise

While the Neotec 3 is designed for aerodynamic excellence and reduced wind noise, some noise may occur, especially with vents open. Ensure the visor is fully closed and sealed. Check that the cheek pads are properly seated and provide a snug fit. If noise persists, consider using earplugs for extended rides.

5.3 Chin Bar Not Latching Securely

If the modular chin bar does not latch securely, check for any obstructions in the locking mechanism. Ensure the chin bar is fully lowered and pushed firmly until you hear a distinct click. If the issue persists, inspect the mechanism for damage or wear.

6. SPECIFICATIONS

Feature	Detail
Model Name	Neotec 3

Feature	Detail
Model Number	0120-0117-03
Brand	Shoei
Shell Material	AIM (Advanced Integrated Matrix) Fiberglass, Expanded Polystyrene (EPS)
Safety Standards	DOT FMVSS 218, FMVSS 218
Closure Type	Micro Ratchet Chin Strap
Number of Vents	5
Weight	4.2 Pounds
Style	Modular
Color (Current Variant)	Anthracite Metallic
Size (Current Variant)	X-Small

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Your SHOEI helmet is covered under warranty for five years from the purchase date, or seven years from the date of manufacture (whichever comes first). The warranty covers all manufacturing defects. Please note that damage caused by the consumer (e.g., dropping the helmet) is not covered under warranty.

7.2 Additional Resources

- [Official Warranty Document \(PDF\)](#)
- [Full User Manual \(PDF\)](#)
- [Visit the Official Shoei Store on Amazon](#)

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Related Documents - Neotec 3

	<p>SHOEI NXR2 RF-1400 Motorcycle Helmet User Manual</p> <p>This user manual provides comprehensive operating, maintenance, and safety instructions for the SHOEI NXR2 RF-1400 motorcycle helmet, covering parts, installation, care, and compatibility.</p>
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	<p>SHOEI GT-Air3 Motorcycle Helmet User Manual and Instructions</p> <p>Comprehensive user manual for the SHOEI GT-Air3 motorcycle helmet, detailing usage, maintenance, parts, safety, and installation instructions in multiple languages.</p>
	<p>SHOEI CWR-F2/CWR-F2R Shield/Visor Replacement and Adjustment Guide</p> <p>Detailed instructions for replacing, installing, adjusting, and handling the SHOEI CWR-F2 and CWR-F2R helmet shield/visor, including safety warnings and maintenance tips.</p>
	<p>SHOEI MULTITEC Helmet User Manual - Instructions, Maintenance, and Part Replacement</p> <p>Comprehensive user manual for the SHOEI MULTITEC helmet. This guide provides detailed instructions for use, ventilation system operation, replacement procedures for components like the face cover, visor, and inner parts, along with important warnings and recommendations. Covers CX-1V and CF-1V visor models.</p>
	<p>Shoei Transitions Photochromic Helmet Visor: Features, Safety, and Maintenance Guide</p> <p>Comprehensive guide to Shoei Transitions photochromic helmet visors, covering product features, usage warnings, maintenance tips, and official Shoei company information.</p>
	<p>SHOEI X-SPR Pro: The Ultimate Racing Helmet</p> <p>Discover the SHOEI X-SPR Pro, a revolutionary racing helmet engineered for peak performance, advanced aerodynamics, and superior comfort. Explore its features, specifications, and customization options for professional motorcycle racing.</p>