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HJC 0811-0105-06

HJC i100 Modular Motorcycle Helmet User Manual

Model: i100 Solid (0811-0105-06)

Product Overview

The HJC i100 Modular Motorcycle Helmet is designed for riders seeking versatility, safety, and comfort. This helmet features a unique full-rotation chin bar, allowing seamless transition between open-face and full-face configurations. Constructed with an advanced polycarbonate composite shell, it offers a lightweight yet robust design. Key features include a Pinlock-ready shield, a comfortable moisture-wicking interior, and an advanced ventilation system.



Image: Front view of the HJC i100 Modular Motorcycle Helmet in black, showcasing its sleek design and clear visor.



Image: A rider on a motorcycle wearing the HJC i100 helmet, demonstrating its use in a riding environment.

Safety and Compliance

The HJC i100 helmet is DOT FMVSS 218 approved, ensuring it meets rigorous safety standards for on-road motorcycle

helmets. This includes testing for energy absorption, penetration resistance, and chin strap structural integrity.



Image: Graphic illustrating the DOT FMVSS 218 approval process, highlighting the helmet's compliance with safety standards.

Setup and Fit

Choosing the Correct Size

A properly fitting helmet is crucial for safety and comfort. Measure your head circumference at the widest point, just above your eyebrows. Refer to the HJC size chart to find your corresponding helmet size. If you are between sizes, it is generally recommended to try the smaller size first, as helmet padding will compress slightly over time.

Initial Fit Check

1. Place the helmet on your head, ensuring it sits level and the top of the eye port is just above your eyebrows.
2. Fasten the chin strap securely. It should be snug against your throat without causing discomfort.
3. With the chin strap fastened, try to rotate the helmet from side to side and front to back. Your scalp should move with the helmet, indicating a snug fit. If the helmet slides independently, it is too large.
4. Check for pressure points. While a new helmet should feel snug, it should not cause painful pressure points. The moisture-wicking, quick-drying liner and removable/washable cheek and crown pads are designed for comfort and can be interchanged for a customized fit.
5. If you wear glasses, utilize the integrated glasses grooves for enhanced comfort.

Operating the Helmet

Chin Bar Operation

The HJC i100 features an innovative full-rotation chin bar. To transition between full-face and open-face configurations:

- **To open:** Locate the release mechanism (typically a button or lever near the chin bar). Press or pull the mechanism and rotate the chin bar upwards and backward until it locks into the open position at the rear of the helmet.
- **To close:** Press the release mechanism again and rotate the chin bar forward until it securely latches into the full-face position. Ensure it is fully locked before riding.

Visor and Sun Visor Operation

The helmet is equipped with an HJ-36 Pinlock Ready Shield and an integrated HJ-V11 anti-fog coated clear vision internal dark smoke sun visor.

- **Main Visor (HJ-36):** The quick, secure Shield Ratchet System allows for smooth adjustments and easy removal/installation of the main visor. To raise or lower, simply push or pull the visor. For removal, consult the specific instructions provided with your helmet for the quick-release mechanism.
- **Internal Sun Visor (HJ-V11):** Operate the internal sun visor using the slider mechanism, typically located on the

side or bottom edge of the helmet. Slide it down to deploy the sun visor and up to retract it.



Image: Close-up of the HJ-36 shield, highlighting its clarity and Pinlock readiness.

Ventilation System

The Advanced Channeling Ventilation System ensures efficient airflow. Top vents and 2-step toggle lower vents allow for adjustable air intake and exhaust, helping to expel heat and humidity.

- **Top Vents:** Open or close the top vents by sliding the integrated switch.
- **Lower Vents:** Adjust the 2-step toggle lower vents to control airflow to the face and shield.

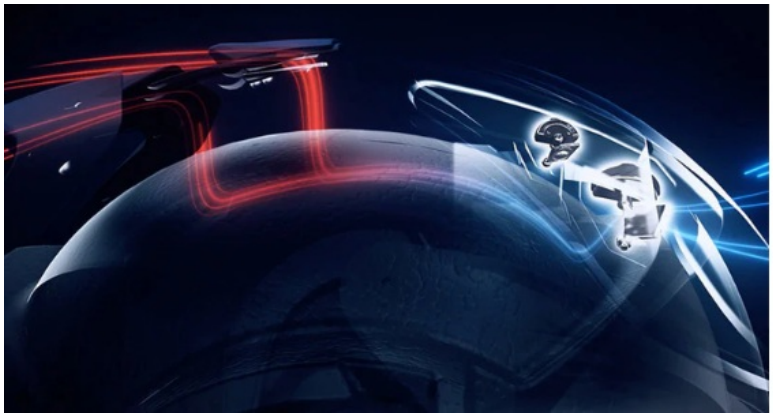


Image: Diagram illustrating the Advanced Channeling Ventilation System, showing airflow paths through the helmet.

SMART HJC Bluetooth System (Sold Separately)

The HJC i100 helmet is designed to be compatible with SMART HJC Bluetooth systems (20B and 10B models). These communication systems are co-developed with SENA for seamless integration. Installation instructions for the Bluetooth system will be provided with the SMART HJC unit.



Image: A SMART HJC Bluetooth unit attached to the side of a helmet, demonstrating its compact and aerodynamic design.

Maintenance

Cleaning the Exterior Shell

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

Cleaning the Interior Liner

The moisture-wicking, quick-drying liner and cheek/crown pads are removable and washable.

- Carefully remove the cheek pads and crown pad according to the helmet's specific instructions (usually involves unsnapping or unhooking).
- Hand wash with mild soap and cold water. Do not machine wash or tumble dry.
- Allow to air dry completely before re-installing.

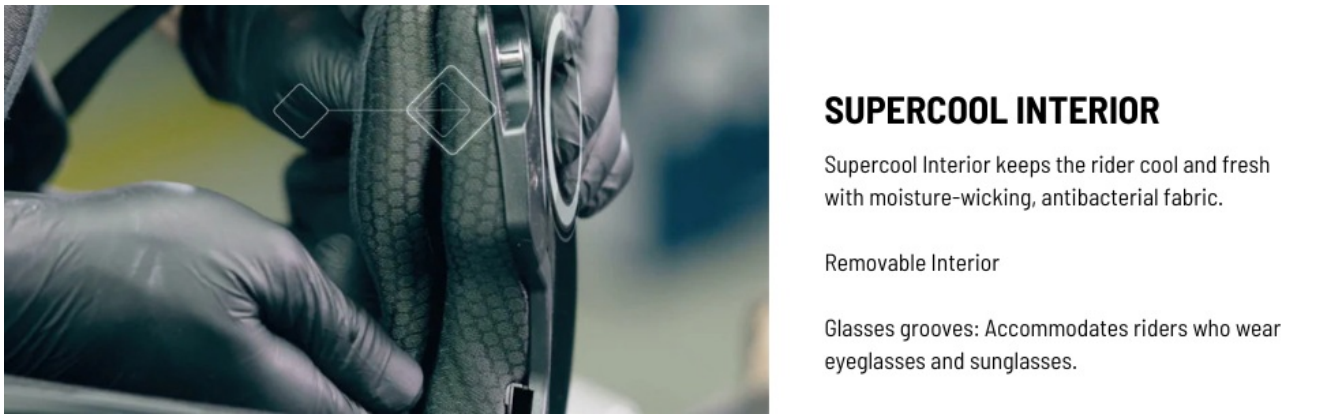


Image: Hands demonstrating the removal or cleaning of the Supercool Interior padding, emphasizing easy maintenance.

Visor Care

- Clean the visor with a soft cloth and lukewarm water.
- For stubborn dirt or insects, soak a wet cloth on the affected area for a few minutes before gently wiping.
- Do not use harsh chemicals or abrasive materials, as they can scratch the anti-scratch coating and UV protection.

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.

Troubleshooting

Problem	Possible Cause	Solution
Helmet feels too tight or causes pressure points.	Incorrect size; new padding not yet conformed.	Ensure correct size was chosen. Allow time for padding to break in. Consider interchangeable cheek pads for a customized fit.
Helmet feels too loose or shifts while riding.	Incorrect size; chin strap not properly fastened.	Verify chin strap is snug. If still loose, the helmet size may be too large.

Problem	Possible Cause	Solution
Visor fogs up.	Temperature difference; lack of airflow.	Ensure Pinlock insert is correctly installed (if applicable). Open vents to increase airflow. Use anti-fog spray.
Chin bar does not lock securely.	Obstruction; mechanism misalignment.	Check for debris. Ensure chin bar is fully rotated until it clicks into place. Do not force. If issue persists, contact HJC support.

Specifications

Feature	Detail
Model Name	I100 Solid
Model Number	0811-0105-06
Shell Material	Advanced Polycarbonate Composite
Safety Certification	DOT FMVSS 218 Certified
Visor Type	HJ-36 Pinlock Ready Shield (99% UV protection, anti-scratch coating)
Internal Sun Visor	HJ-V11 Anti-fog Coated Clear Vision Internal Dark Smoke Sun Visor
Interior Fabric	Moisture-wicking, quick-drying, removable, and washable
Ventilation	Advanced Channeling Ventilation System (ACS) with top and 2-step lower vents
Weight	Approximately 3.46 - 3.5 pounds (depending on size)
Dimensions	11 x 11 x 15 inches (Product Dimensions)
Bluetooth Compatibility	Ready for SMART HJC Bluetooth systems (20B & 10B, sold separately)
Special Features	Full-rotation chin bar, Glasses grooves, Lightweight design

Important Information

Legal Disclaimer

This item complies with US Federal Motor Vehicle Safety Standard 218 (FMVSS 218) (DOT FMVSS No. 218 Certified).

Product Lifespan and Replacement

Helmets are designed to absorb impact by deforming or crushing. Even if there are no visible signs of damage, a helmet that has sustained an impact should be replaced immediately. Additionally, helmet materials degrade over time. HJC recommends replacing your helmet approximately every 5 years from the date of manufacture or 3 years from the date of first use, whichever comes first, regardless of visible damage.

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