

HJC i80 Velly

HJC i80 Velly Modular Motorcycle Helmet User Manual

Model: i80 Velly

1. SAFETY INFORMATION

Your HJC i80 Velly Modular Motorcycle Helmet is designed to provide protection. Adherence to safety guidelines is crucial for your well-being. This helmet meets or exceeds DOT FMVSS 218 standards, indicating rigorous testing for energy absorption, penetration resistance, and chin strap integrity.

1.1 Proper Fit

A helmet must fit snugly to offer maximum protection. If the helmet moves freely on your head, it is too large. Ensure the chin strap is securely fastened at all times when riding.

1.2 Helmet Care and Inspection

Regularly inspect your helmet for any signs of damage, such as cracks in the shell, worn straps, or compromised interior padding. Never use a helmet that has been involved in an impact, even if visible damage is not apparent. Replace your helmet immediately if it shows any signs of damage or wear that could affect its protective capabilities.



STANDARD DOT

Meets or exceeds DOT approved.

Testing includes energy attenuation, penetration resistance, chin strap structural integrity, and labeling requirements for on-road motorcycle helmets.

Image 1.1: Illustration of DOT standard compliance. This helmet meets or exceeds DOT approval, ensuring it has undergone testing for energy attenuation, penetration resistance, and chin strap structural integrity.

2. PRODUCT OVERVIEW

The HJC i80 Velly is a modular motorcycle helmet designed for versatility and comfort. It features an advanced polycarbonate composite shell, a Pinlock-ready visor, an integrated sun shield, and an efficient ventilation system.



Image 2.1: Front-side view of the HJC i80 Velly Modular Motorcycle Helmet. This image displays the overall design, including the main visor and chin bar.

2.1 Key Components

- **Shell:** Constructed from a Polycarbonate-ABS blend for impact resistance and lightweight design.
- **HJ-44 Visor:** Offers 99% UV protection and an anti-scratch coating. Pinlock ready.
- **HJ-V12 Sun Shield:** Integrated, anti-fog, and anti-scratch coated for improved peripheral vision and sunlight blocking.
- **Modular Chin Bar:** Allows the front section of the helmet to be raised.
- **Ventilation System:** Advanced Channeling Ventilation System with top and lower vents.
- **Interior Padding:** Removable and washable crown and cheek pads.
- **Retention System:** Double-D ring chin strap.



APC

Advanced Polycarbonate Compound: By blending high-grade polycarbonate with high impact strength and ABS in an optimal ratio, HJC has developed a shell that is both strong and impact-resistant while maintaining a lightweight design.

Image 2.2: Rear view of the helmet, illustrating the Advanced Polycarbonate Compound (APC) shell construction. This blend of high-grade polycarbonate and ABS provides strength, impact resistance, and a lightweight feel.

3. SETUP

3.1 Initial Inspection

Before first use, carefully inspect the helmet for any manufacturing defects or shipping damage. Ensure all components are securely attached.

3.2 Visor and Sun Shield

The HJ-44 visor and HJ-V12 sun shield come pre-installed. Ensure they operate smoothly and latch securely. If installing an optional Pinlock insert (sold separately), follow the instructions provided with the Pinlock lens.



VISOR: HJ-44

All HJC shields offer 99% UV-A & B protection

Pinlock® ready shield

Image 3.1: A rider wearing the helmet, highlighting the HJ-44 visor. This visor offers 99% UV-A & B protection and is Pinlock ready.



SUN SHIELD: HJ-V12

Integrated Sun Shield: Improved peripheral vision and excellent sunlight blocking help to reduce eye strain. Anti-Fog and Anti-Scratch coated.

Image 3.2: The integrated HJ-V12 sun shield in use. This shield improves peripheral vision and blocks sunlight, featuring anti-fog and anti-scratch coatings.

3.3 Chin Strap Adjustment

The helmet features a double-D ring retention system. To fasten, thread the strap through both D-rings, then back through the first D-ring. Pull tight until snug against your throat. Ensure there is no slack and the helmet cannot be rolled off your head.

4. OPERATING THE HELMET

4.1 Modular Chin Bar Operation

To raise the modular chin bar, locate the release button, typically at the front center of the chin bar. Press the button and lift the chin bar upwards until it locks into the open position. To close, pull the chin bar down firmly until it latches securely in place. Always ensure it is fully locked before riding.



Image 4.1: Side view of the HJC i80 Velly helmet with the modular chin bar in the raised position, demonstrating its versatility.

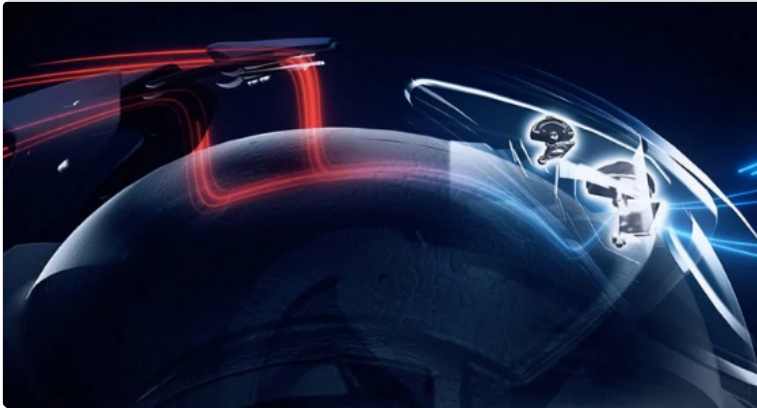
4.2 Visor and Sun Shield Usage

The main HJ-44 visor can be opened and closed using the tab located on the lower edge. The integrated HJ-V12

sun shield is operated by a slider mechanism, usually on the side of the helmet. Slide it down to deploy and up to retract.

4.3 Ventilation System

The Advanced Channeling Ventilation System features adjustable top and lower vents. Open the vents to increase airflow and close them to reduce it. This system is designed to flush heat and humidity out of the helmet for rider comfort.



ADVANCED CHANNELING VENTILATION SYSTEM

Advanced Channeling Ventilation System: Top vents and 2 step toggle lower vents; Full front-to-back airflow flushes heat and humidity out of the helmet.

Image 4.2: Diagram of the Advanced Channeling Ventilation System, showing how top and lower vents work to expel heat and humidity from the helmet.

5. MAINTENANCE

5.1 Cleaning the Exterior Shell

Clean the helmet shell with a soft cloth and mild soap and water. Avoid harsh chemicals, solvents, or abrasive cleaners, as these can damage the shell material and graphics. Rinse thoroughly and air dry.

5.2 Visor and Sun Shield Care

Clean the visor and sun shield with a soft, damp cloth and mild soap. Do not use abrasive materials or chemical cleaners. For Pinlock inserts, follow the specific cleaning instructions provided with the insert. Avoid scratching the anti-scratch coating.

5.3 Interior Padding

The crown and cheek pads are removable and washable. Gently detach them from the helmet. Hand wash with mild soap and cool water, then air dry completely before re-installing. Ensure they are fully dry to prevent mildew.

5.4 Chin Strap Maintenance

Keep the chin strap clean and free of debris. Inspect the double-D rings for wear or damage. Clean with mild soap and water if necessary.

6. TROUBLESHOOTING

- **Visor not closing properly:** Check for debris in the visor mechanism or ensure the visor is correctly seated on its pivots.
- **Modular chin bar not latching:** Ensure no obstructions are preventing the chin bar from fully engaging. Apply firm, even pressure when closing.
- **Excessive wind noise:** Verify all vents are closed if desired, and ensure the visor and chin bar are fully

sealed. A proper fit is essential to minimize wind noise.

- **Fogging visor:** Ensure the Pinlock insert (if installed) is correctly seated. Utilize the ventilation system to increase airflow.

7. SPECIFICATIONS

Brand	HJC
Model Name	i80 Velly
Shell Material	Polycarbonate-ABS Blend
Visor	HJ-44 (99% UV protection, anti-scratch, Pinlock ready)
Sun Shield	HJ-V12 (Integrated, anti-fog, anti-scratch)
Ventilation	Advanced Channeling Ventilation System
Safety Standard	DOT FMVSS 218 Approved
Item Weight	Approximately 4.09 pounds
Product Dimensions	Approximately 15 x 11 x 11 inches
Item Model Number	0000453514
UPC	190501326027

8. WARRANTY AND SUPPORT

For specific warranty information and customer support, please refer to the documentation included with your purchase or visit the official HJC website. Keep your proof of purchase for any warranty claims.

Manufacturer: HJC

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