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HJC I80 Solid

HJC i80 Solid Modular Motorcycle Helmet User Manual

Model: I80 Solid (0000420972)
Brand: HJC

1. Introduction

Welcome to the user manual for your HJC i80 Solid Modular Motorcycle Helmet. This helmet is designed to provide optimal safety, comfort, and functionality for motorcyclists. It features a modular design, allowing for versatility between full-face protection and an open-face configuration. Please read this manual thoroughly before using your helmet to ensure proper operation, maintenance, and to maximize your riding experience.



Figure 1: The HJC i80 Solid Modular Motorcycle Helmet in Semi Flat Black.

2. Key Features

The HJC i80 helmet incorporates several advanced features for enhanced safety, comfort, and usability:

- **DOT-Approved for Maximum Safety:** The HJC i80 Solid modular helmet meets stringent DOT FMVSS 218 standards, meaning it's been rigorously tested for top-level protection, from energy absorption to penetration resistance and secure chin strap testing.

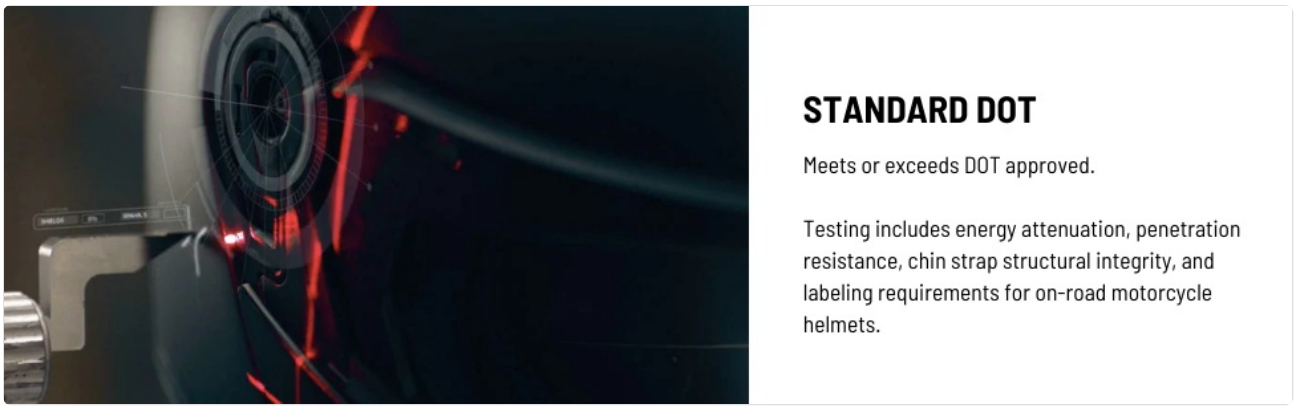


Figure 2: Illustration of the helmet meeting DOT approval standards through rigorous testing.

- **Sturdy Exterior (Advanced Polycarbonate Compound):** Constructed from a Polycarbonate-ABS blend for impact resistance and a lightweight feel. It features a double-D ring lock and a wind tunnel-tested peak visor for stability and reduced drag at high speeds.



Figure 3: Detail showing the Advanced Polycarbonate Compound shell, designed for strength and lightness.

- **PINLOCK Ready HJ-44 Visor:** Offers 99% UV protection and an anti-scratch coating. Optional Shields (Sold Separately): HJ-44 Pinlock Prepared Visor, HJ-44 RST Pinlock Prepared Visor, and HJ-V12 Sun Shield. Dark Smoke sun shield is installed and it comes standard with Pinlock.

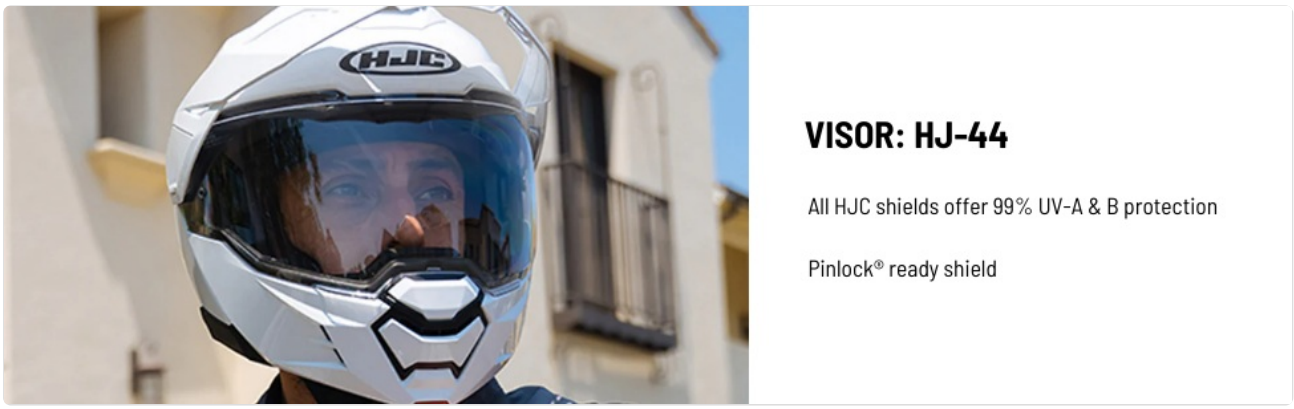


Figure 4: The HJ-44 visor provides clear vision and UV protection.

- **Integrated Sun Shield (HJ-V12):** Improved peripheral vision and excellent sunlight blocking help to reduce eye strain. Anti-Fog and Anti-Scratch coated.

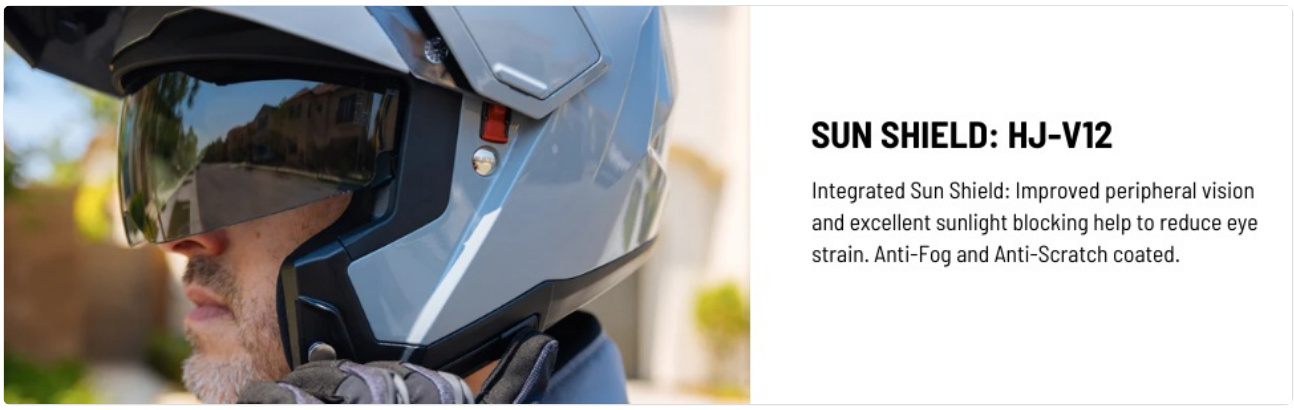


Figure 5: The integrated HJ-V12 sun shield can be easily deployed for sun protection.

- **Comfortable Interior:** Features removable and washable crown and cheek pads for easy maintenance. The cheek pads are interchangeable across all shell sizes for a customizable fit. Includes chin curtain for enhanced comfort and airflow.
- **AIRFLOW SYSTEM (Advanced Channeling Ventilation System):** The Advanced Channeling Ventilation System features strategically placed top and lower vents to expel heat and humidity. The moisture-wicking interior keeps you dry and cool throughout the rides.



Figure 6: Visual representation of the Advanced Channeling Ventilation System, illustrating how air flows to keep the rider cool.

Video 1: Official HJC Helmets video showcasing the i80 Modular Helmet's features and functionality. This video demonstrates the helmet in use, highlighting its design and practical benefits for riders.

3. Setup

Before your first ride, ensure your HJC i80 helmet is properly set up for safety and comfort.

1. **Unboxing and Inspection:** Carefully remove the helmet from its packaging. Inspect for any visible damage or missing components. Ensure the main visor (HJ-44) and internal sun shield (HJ-V12) are securely attached and operate smoothly.
2. **Initial Fit Check:** Place the helmet on your head. It should fit snugly around your entire head without any pressure points. The cheek pads should make firm contact with your cheeks. If the fit is too loose or too tight, consider trying a different size.
3. **Chin Strap Adjustment:** The helmet features a Double-D ring closure. Thread the strap through both D-rings, then back through the first D-ring only. Pull the strap tight until it is snug under your chin, ensuring it does not cause discomfort or restrict breathing. There should be no slack, and the helmet should not be able to roll off your head when pulled from the back.
4. **Visor and Sun Shield Operation:** Familiarize yourself with opening and closing the main visor and deploying/retracting

the internal sun shield. Ensure they move freely and latch securely in their respective positions.

4. Operating Instructions

Understanding how to operate the various features of your HJC i80 helmet will enhance your riding experience.

- **Modular Chin Bar Operation:** To open the modular chin bar, locate the release button or lever, typically found at the front center of the chin bar. Press the button and lift the chin bar upwards until it locks into its fully open position. To close, press the release button again and push the chin bar down firmly until it clicks securely into the closed, full-face position. Always ensure the chin bar is fully latched before riding.
- **Main Visor (HJ-44) Use:** The main visor can be opened to various positions for airflow or fully closed for protection. Use the tab on the visor to lift or lower it. Ensure it clicks into place when fully closed to prevent accidental opening during riding.
- **Internal Sun Shield (HJ-V12) Use:** The internal sun shield is operated by a slider mechanism, usually located on the side of the helmet. Slide the lever forward to deploy the sun shield and backward to retract it. Use the sun shield in bright conditions to reduce glare and eye strain.
- **Ventilation System:** The HJC i80 features top and lower vents. Locate the sliders or switches on these vents. Open them to allow airflow into the helmet, which helps to expel heat and humidity. Close them to reduce airflow, useful in colder conditions or rain. Experiment with different settings to find your preferred comfort level.

5. Maintenance

Regular maintenance will prolong the life of your helmet and ensure its continued performance.

- **Shell Cleaning:** Clean the helmet's exterior with a soft cloth, warm water, and mild soap. Avoid harsh chemicals, abrasive cleaners, or solvents, as these can damage the helmet's finish and materials.
- **Visor and Sun Shield Cleaning:** Use a soft, damp cloth and mild soap to clean the visors. For stubborn dirt, soak the visor in warm water before gently wiping. Do not use abrasive materials or strong cleaning agents, especially on anti-fog or anti-scratch coatings.
- **Interior Pad Cleaning:** The crown and cheek pads are removable and washable. Refer to the care label on the pads for specific washing instructions, typically hand wash with mild soap and air dry. Ensure pads are completely dry before reinserting them into the helmet.
- **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.
- **Chin Strap Inspection:** Periodically inspect the chin strap and Double-D rings for any signs of wear, fraying, or damage. Replace the helmet if the chin strap system is compromised.

6. Troubleshooting

This section addresses common issues you might encounter with your HJC i80 helmet.

- **Helmet feels too noisy at high speeds:** While the i80 is designed for comfort, some riders may experience increased noise at highway speeds. Ensure all vents are closed if you wish to minimize airflow and potential noise. Check that the chin curtain is properly installed and that the visor is fully closed and sealed. Wearing earplugs is recommended for extended high-speed riding to protect hearing.
- **Visor screws loosening:** If you notice the screws holding the peak visor or main visor becoming loose, gently tighten them. It is advisable to use a thread-locking compound (like Loctite, as mentioned in some user reviews) on these screws to prevent them from loosening due to vibrations, especially if you frequently ride on rough terrain or at high speeds. Do not overtighten.
- **Helmet fit feels off (too large/small):** The i80 helmet is designed for a snug fit. If your helmet feels significantly too large or too small, it may be the incorrect size. HJC offers interchangeable cheek pads across all shell sizes, which can help customize the fit. Consult a sizing guide or a professional helmet fitter if you are unsure about your size.
- **Chin strap feels too far back/chokes neck:** Ensure the Double-D ring closure is correctly fastened and adjusted. The strap should be snug but not uncomfortable. If the issue persists, re-evaluate the helmet size and fit, as an improper shell size can affect strap positioning.

7. Specifications

Attribute	Value
Sport	Motorcycling
Specification Met	FMVSS 218, DOT
Shape	Oval
Closure Type	Double Ring
Manufacturer	HJC
Model Name	I80 Solid
UPC	190501267412
Item Weight	4.09 pounds
Product Dimensions	15 x 11 x 11 inches
Item model number	0000420972
Manufacturer Part Number	190501267412
ASIN	B0F1B1GCZ2
Date First Available	December 19, 2024
Color	Semi Flat Black
Vehicle Service Type	Street Bike
Material	Polycarbonate (PC)

8. Warranty and Support

For specific warranty information, please refer to the documentation included with your helmet or visit the official HJC Helmets website. HJC stands behind the quality of its products.

Legal Disclaimer

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

Customer Support

If you have any questions, require assistance with your helmet, or need to report an issue, please contact HJC customer support through their official channels. You can often find contact information on the HJC website or within the product packaging.

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