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## HJC i20 Solid

# HJC i20 Solid Open Face Motorcycle Helmet User Manual

Model: i20 Solid

## 1. INTRODUCTION AND OVERVIEW

Thank you for choosing the HJC i20 Solid Open Face Motorcycle Helmet. This manual provides essential information for the proper use, maintenance, and care of your helmet. Please read it thoroughly before using your helmet to ensure maximum safety and performance.

The HJC i20 helmet is designed for motorcycle riders, featuring an advanced polycarbonate composite shell, an internal sun shield, and a detachable mask. It is DOT FMVSS 218 approved, ensuring it meets stringent safety standards.



Image 1.1: HJC i20 Solid Open Face Motorcycle Helmet in White, shown from the side with the internal visor deployed.

## 2. SAFETY INFORMATION

Your HJC i20 helmet is DOT FMVSS 218 certified, meaning it has undergone rigorous testing to meet safety standards for energy absorption, penetration resistance, and chin strap structural integrity. Always wear a helmet that fits correctly and is securely fastened.

### 2.1 Proper Fit

A helmet must fit snugly to provide optimal protection. If the helmet is too loose, it may shift during an impact, reducing its protective capabilities. Refer to the size guide to ensure you have the correct size. The helmet should feel firm around your head and cheeks without causing uncomfortable pressure points.

### 2.2 Chin Strap

Always secure the double D-ring fastener firmly under your chin. The strap should be tight enough that you cannot remove the helmet by pulling it from the back or front.

## 2.3 Proposition 65 Warning

This product may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



### SMART HJC 20B & 10B

SMART HJC 20B and 10B Bluetooth communication systems co-developed with SENA tailored specifically for select HJC models. The SMART HJC BT units offer a compact size and aerodynamic design that enhances the overall look and performance of the shell. \*SMART HJC units sold separately.

Image 2.1: Illustration of DOT FMVSS 218 safety standards, highlighting energy absorption and penetration resistance testing.

## 3. COMPONENTS

The HJC i20 helmet consists of several key components:

- **Advanced Polycarbonate Composite Shell:** Provides a lightweight and durable exterior.
- **HJ-V10 Internal Sun Shield:** An anti-fog coated clear vision shield that deploys and retracts quickly.
- **Detachable Mask:** A Street Fighter-type mask that can be easily attached or removed using a PUSH and SLIDE mechanism.
- **Ventilation System:** Includes 2 top vents and mouth vents for optimal airflow.
- **SuperCool Interior:** Moisture-wicking, quick-drying, and antibacterial fabric liner.
- **Removable and Washable Pads:** Cheek and crown pads for easy maintenance.
- **Double D-Ring Fastener:** Ensures a secure and reliable fit.
- **Glasses Grooves:** Designed for comfort for riders who wear eyewear.



Image 3.1: HJC i20 Solid Open Face Motorcycle Helmet with the detachable mask attached, providing a full-face appearance.



### **CONVERTIBLE HELMET: HJ-36**

Convertible helmet, removable mask applied.

Image 3.2: Detail of the advanced polycarbonate shell construction.

## **4. SETUP**

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## 4.1 Initial Inspection

Before first use, inspect your helmet for any signs of damage from shipping. Ensure all components, including the internal shield and chin strap, operate smoothly.

## 4.2 Fitting the Helmet

1. Place the helmet on your head, ensuring it sits level and covers your forehead.
2. The cheek pads should press firmly against your cheeks.
3. Try to move the helmet from side to side and up and down. Your skin should move with the helmet, indicating a snug fit. If the helmet slides independently, it is too large.

## 4.3 Securing the Double D-Ring Fastener

1. Thread the long end of the chin strap through both D-rings.
2. Loop the long end back through the first D-ring only.
3. Pull the strap tight against your throat. Ensure there is no slack.
4. Secure the loose end of the strap with the snap button to prevent flapping.

## 4.4 Attaching/Removing the Detachable Mask

The i20 features an easily detachable mask. To attach, align the mask's tabs with the corresponding slots on the helmet and slide it into place until it clicks securely. To remove, use the convenient PUSH and SLIDE mechanism to disengage the tabs and pull the mask away from the helmet.



Image 4.1: The HJC i20 helmet demonstrating the removable mask feature.

# 5. OPERATING INSTRUCTIONS

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## 5.1 HJ-V10 Internal Sun Shield

The HJ-V10 internal sun shield can be deployed or retracted using the lever located on the side of the helmet. Push the lever down to deploy the shield for sun protection and push it up to retract it when not needed. The shield is anti-fog coated for clear vision.

## 5.2 Ventilation System

The helmet is equipped with 2 top vents and mouth vents. These can be opened or closed to adjust airflow and maintain comfort. Experiment with different settings to find your preferred ventilation level based on riding conditions.

## 5.3 SMART HJC Bluetooth System (Sold Separately)

The HJC i20 helmet is designed to be compatible with SMART HJC Bluetooth systems (20B & 10B). These communication systems, co-developed with SENA, offer a compact and aerodynamic design. Installation instructions for the SMART HJC system are provided with the Bluetooth unit itself.



## SUPERCOOL INTERIOR

Supercool Interior keeps the rider cool and fresh with moisture-wicking, antibacterial fabric.

Removable Interior

Glasses grooves: Accommodates riders who wear eyeglasses and sunglasses.

Image 5.1: Example of a SMART HJC Bluetooth system integrated into a helmet.

## 6. MAINTENANCE

### 6.1 Cleaning the Helmet Shell

Clean the exterior of the helmet with a soft cloth and mild soap and water. Avoid abrasive cleaners, solvents, or petroleum-based products, as these can damage the shell material and finish.

### 6.2 Cleaning the Internal Sun Shield

The HJ-V10 internal shield should be cleaned with a soft, damp cloth and mild soap. Do not use abrasive materials or harsh chemicals. Allow it to air dry completely before use.

### 6.3 Removing and Washing Interior Pads

The cheek and crown pads are removable and washable. Carefully detach them from the helmet. Hand wash them in cold water with mild soap. Rinse thoroughly and allow them to air dry completely before re-installing. Ensure they are fully dry to prevent mildew.



Image 6.1: Detail of the SuperCool interior fabric, designed for moisture-wicking and comfort.

### 6.4 Storage

Store your helmet in a cool, dry place away from direct sunlight and extreme temperatures. Avoid placing heavy objects on the helmet, as this can deform the shell or interior padding.

## 7. TROUBLESHOOTING

- **Visor Fogging:** Ensure the internal sun shield is clean. If fogging persists in cold or humid conditions, consider using an anti-fog treatment specifically designed for helmet visors.
- **Discomfort/Pressure Points:** A new helmet may feel tight initially. If discomfort persists, ensure the helmet size is correct. Interchangeable cheek pads are available across all sizes for a customizable fit.
- **Chin Strap Issues:** If the D-ring fastener is difficult to secure or loosen, check for any obstructions or damage to the strap or rings. Ensure the strap is threaded correctly.
- **Mask Attachment Issues:** If the detachable mask does not secure properly, ensure the PUSH and SLIDE mechanism is fully engaged and that no debris is obstructing the connection points.

## 8. SPECIFICATIONS

Feature	Detail
Brand	HJC
Model Name	i20 Solid
Outer Material	Polycarbonate (PC)
Inner Material	Foam, Polyester, Nylon (SuperCool Interior)
Safety Rating	DOT FMVSS 218 Certified
Special Features	HJ-V10 Internal Visor, Detachable Mask, Adjustable Strap, Ventilation, Glasses Grooves, SMART HJC Ready
Item Weight	Approximately 3.46 Pounds
Product Dimensions	Approximately 15 x 11 x 11 inches
UPC	190501211187

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information

HJC helmets typically come with a manufacturer's warranty covering defects in materials and workmanship. Please refer to the warranty card included with your purchase or visit the official HJC website for specific warranty terms and conditions.

### 9.2 Customer Support

For technical assistance, replacement parts, or any other inquiries regarding your HJC i20 helmet, please contact HJC customer support directly. Contact information can usually be found on the HJC website or on the product packaging.

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