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HJC i20

# HJC i20 Solid Open Face Motorcycle Helmet User Manual

Model: i20

## 1. IMPORTANT SAFETY INFORMATION

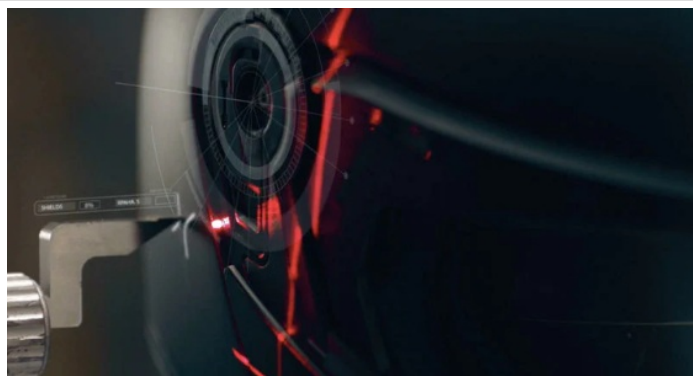
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The HJC i20 helmet is designed to provide protection for motorcycle riders. Adherence to all safety guidelines and proper use are essential for maximizing protection.

### DOT Certification

This helmet meets or exceeds DOT FMVSS 218 standards. This certification indicates that the helmet has undergone rigorous testing for:

- Energy absorption
- Penetration resistance
- Chin strap structural integrity
- Labeling requirements for on-road motorcycle helmets



### STANDARD DOT

Meets or exceeds DOT FMVSS 218 approved.

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

Image showing a helmet undergoing impact testing, representing the 'STANDARD DOT' certification process.

### Legal Disclaimer

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

218 Certified).

## 2. PRODUCT OVERVIEW

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The HJC i20 is an open-face motorcycle helmet featuring a detachable front mask, an internal sun shield, and an advanced ventilation system. It is designed for adult riders seeking a versatile and protective helmet.



Image of the HJC i20 helmet in Semi Flat Black, shown with the front mask and external visor in the closed position.



Image depicting a rider wearing the HJC i20 helmet, highlighting its appearance in use.

### 3. COMPONENTS AND FEATURES

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#### Advanced Polycarbonate Composite Shell

The helmet's exterior shell is constructed from an advanced polycarbonate composite material. This design contributes to a lightweight structure while maintaining durability and comfort, utilizing CAD technology for an optimized fit.



#### **POLYCARBONATE SHELL**

The Advanced Polycarbonate Shell is designed to be lightweight with a superior fit and comfort, using CAD technology.

Image showing a detailed view of the helmet's polycarbonate shell, emphasizing its construction.

#### HJ-V10 Internal Sun Shield

The helmet includes an internal HJ-V10 sun shield. This shield is anti-fog coated and provides clear vision. It can be deployed and retracted quickly and easily. The helmet also comes with a smoked visor and an additional clear visor, both anti-scratch and fog-coated.

#### Detachable Front Mask (HJ-36)

The i20 features a 'Street Fighter-type' design with an easily detachable front mask. This mask can be removed or attached using a convenient PUSH and SLIDE mechanism, allowing for conversion between configurations.



Image illustrating the HJC i20 helmet with its front mask removed, showcasing its convertible design.



Image of the HJC i20 helmet with the front mask detached, showing the open-face configuration and the main visor in an upward position.

### **Airflow Ventilation System**

The i20 helmet incorporates a ventilation system designed for rider comfort. It includes two top vents and mouth vents to facilitate optimal airflow, helping to keep the rider cool during use.

### **SuperCool Interior Liner**

The interior of the helmet features a moisture-wicking, quick-drying liner. This 'SuperCool' fabric is designed to enhance comfort during extended rides. The cheek and crown pads are removable and washable for easy maintenance. Interchangeable cheek pads are available across all sizes to allow for a customizable fit.



## 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 providing a close-up view of the helmet's interior, highlighting the SuperCool moisture-wicking fabric.

## Double D-Ring Fastener

A double D-ring fastener is integrated into the chin strap system. This mechanism ensures a secure and reliable fit, contributing to enhanced safety.

## Glasses Grooves

The helmet's interior is designed with glasses grooves. These channels are intended to accommodate riders who wear eyewear, minimizing pressure and enhancing comfort during rides.

## SMART HJC Bluetooth System Compatibility

The HJC i20 helmet is prepared for integration with SMART HJC Bluetooth systems (sold separately). These systems, co-developed with SENA, offer communication capabilities tailored for select HJC models. The SMART HJC units feature a compact and aerodynamic design.



## 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 showing a SMART HJC Bluetooth communication system unit mounted on a helmet, indicating compatibility.

## 4. HELMET FITTING AND ADJUSTMENT

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### Selecting the Correct Size

A properly fitting helmet is crucial for safety and comfort. Measure your head circumference and refer to the HJC sizing chart to determine the appropriate helmet size. The helmet should fit snugly around your head without causing pressure points.

### Putting On and Removing the Helmet

1. **Putting On:** Hold the helmet by the chin straps with the opening facing you. Expand the opening slightly with your hands and slide the helmet onto your head, ensuring your ears are not folded. The

helmet should sit level on your head, with the top edge of the eye port just above your eyebrows.

2. **Removing:** Unfasten the chin strap. Gently pull the chin straps outwards and lift the helmet off your head from the back to the front.

## Securing the Double D-Ring Chin Strap

1. Thread the long end of the strap through both D-rings.
2. Loop the strap back through only the first D-ring.
3. Pull the strap tightly until the helmet is secure and cannot be rolled off your head.
4. Fasten the snap button on the loose end of the strap to prevent flapping.

The chin strap should be tight enough that you cannot slip more than two fingers between the strap and your chin.

## 5. OPERATION INSTRUCTIONS

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### Deploying and Retracting the HJ-V10 Internal Sun Shield

The internal sun shield is operated by a lever located on the side of the helmet. Push the lever down to deploy the sun shield for sun protection. Push the lever up to retract the sun shield when not needed or in low light conditions.

### Adjusting the Ventilation System

The HJC i20 features adjustable top vents and mouth vents. Locate the sliders or switches on these vents. Slide them open to increase airflow for cooling and close them to reduce airflow, for example, in colder weather or to minimize noise.

### Attaching and Detaching the Front Mask

The front mask can be attached or detached using the PUSH and SLIDE mechanism. To detach, locate the release buttons or levers on each side of the mask, typically near the helmet's pivot points. Press the buttons and slide the mask away from the helmet. To attach, align the mask's connectors with the helmet's slots and slide it into place until it clicks securely.

## 6. MAINTENANCE AND CARE

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Regular maintenance ensures the longevity and effectiveness of your helmet.

### Cleaning the Helmet Exterior

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

### Cleaning the Visor and Sun Shield

- Remove the visor and sun shield from the helmet if possible.
- Clean with a soft, damp cloth and mild soap or a specialized helmet visor cleaner.

- Do not use abrasive materials or paper towels, which can scratch the surface.
- Allow to air dry completely before reattaching.

## Removing and Washing Interior Pads

- Gently detach the crown and cheek pads from the helmet interior.
- Hand wash the pads in cold water with mild soap or a delicate detergent.
- Rinse thoroughly and allow to air dry completely. Do not machine wash or tumble dry.
- Once dry, reinsert the pads, ensuring they are correctly aligned and secured.

## Storage Guidelines

Store your helmet in a cool, dry place away from direct sunlight and extreme temperatures. Avoid placing heavy objects on the helmet, which could deform the shell or liner.

## 7. SPECIFICATIONS

Feature	Detail
Brand	HJC
Model Name	I20 Solid
Outer Material	Polycarbonate (PC)
Inner Material	Nylon
Item Weight	Approximately 3.46 pounds (1.57 kg)
Product Dimensions	11 x 11 x 15 inches (L x W x H)
Safety Rating	DOT Certified (FMVSS 218)
Special Feature	Ventilation, Glasses Grooves, SMART HJC Ready
UPC	190501211446
Item Model Number	0820-0135-07

## 8. TROUBLESHOOTING

This section addresses common issues you might encounter with your HJC i20 helmet.

### Visor or Sun Shield Not Operating Smoothly

- **Issue:** Visor or internal sun shield feels stiff or does not move freely.
- **Solution:** Check for dirt or debris around the pivot points or operating mechanism. Clean these areas with a soft, damp cloth. Ensure no foreign objects are obstructing movement. Do not apply lubricants unless specifically recommended by HJC, as some chemicals can damage plastics.

### Discomfort or Pressure Points

- **Issue:** Helmet feels too tight or causes discomfort in specific areas.

- **Solution:** Ensure you have the correct size. While a new helmet should be snug, it should not cause pain. The interior padding may compress slightly over time. If discomfort persists, consider trying interchangeable cheek pads for a more customized fit or consult with a helmet fitting specialist.

## Chin Strap Loosening

- **Issue:** The double D-ring chin strap does not stay tight.
- **Solution:** Re-verify that the strap is threaded correctly through both D-rings and then back through the first D-ring, as described in the 'Securing the Double D-Ring Chin Strap' section. Ensure the strap is pulled taut before fastening the snap button. Inspect the D-rings and strap for any signs of wear or damage.

## 9. WARRANTY AND CUSTOMER SUPPORT

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HJC Helmets typically come with a manufacturer's warranty covering defects in materials and workmanship. Specific warranty terms and duration may vary by region and product. Please retain your proof of purchase for any warranty claims.

### Making a Warranty Claim

If you believe your helmet has a manufacturing defect, contact the retailer where you purchased the helmet or visit the official HJC Helmets website for detailed warranty information and instructions on how to submit a claim.

### Contacting Customer Support

For further assistance, product inquiries, or technical support, please refer to the contact information provided on the official HJC Helmets website or consult your local authorized HJC dealer.

Visit the HJC Store: [HJC Official Store](#)