

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [HJC](#) /

> [HJC C91 Solid Modular Motorcycle Helmet Instruction Manual](#)

HJC C91 Solid

HJC C91 Solid Modular Motorcycle Helmet Instruction Manual

Model: C91 Solid | Brand: HJC

1. INTRODUCTION

Thank you for choosing the HJC C91 Solid Modular Motorcycle Helmet. This manual provides essential information for the safe and effective use, maintenance, and care of your helmet. Please read it thoroughly before using your helmet and keep it for future reference.



Figure 1: HJC C91 Solid Modular Motorcycle Helmet (White)

2. SAFETY INFORMATION

Your safety is paramount. This helmet is designed to provide protection during motorcycle riding. Always wear your helmet correctly and ensure it is properly fitted.

- **DOT-APPROVED FOR MAXIMUM SAFETY:** The HJC C91 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.
- Always ensure the chin strap is securely fastened before riding.
- Never modify your helmet, as this can compromise its protective capabilities.
- Replace your helmet after any impact, even if visible damage is not apparent.

3. KEY FEATURES

- **PINLOCK PIN PREPARED HJ-17 SHIELD:** Offers 99% UV protection and features a RapidFire Shield Replacement System for fast, tool-free shield changes. An integrated black dark smoke sun visor

enhances functionality.

- **STURDY EXTERIOR:** Built with an advanced polycarbonate composite shell and an easily adjustable chin bar using CAD technology, offering a lightweight and comfortable fit. It features an anti-scratch coated sun visor.
- **COMFORTABLE INTERIOR:** Features a moisture-wicking, quick-drying liner for long-ride comfort. The removable and washable cheek and crown pads ensure easy maintenance, while interchangeable cheek pads across all sizes offer a customized fit. Glasses grooves enhance comfort for eyewear users.
- **AIR FLOW SYSTEM:** The Advanced Channeling Ventilation System provides front-to-back airflow to expel heat and humidity, keeping you cool throughout the ride.
- **SMART HJC READY:** The HJC C91 Helmet features speaker pockets and is Smart HJC ready, making it compatible with the 10B or 20B Bluetooth systems (sold separately).



Figure 2: Side view of HJC C91 helmet, illustrating modular chin bar.

4. HELMET COMPONENTS

Familiarize yourself with the main components of your HJC C91 helmet:

- **Outer Shell:** Advanced Polycarbonate Composite.
- **Main Visor (HJ-17 Shield):** Clear, UV protective, Pinlock pin prepared.
- **Integrated Sun Visor (HJ-V5):** Dark smoke, anti-scratch coated.
- **Chin Bar:** Modular, adjustable.
- **Ventilation System:** Top vents, chin vent, rear exhaust vents.
- **Interior Liner:** Moisture-wicking, removable, washable cheek and crown pads.
- **Chin Strap:** Secure fastening system.



Figure 3: Front view of HJC C91 helmet, showing main visor and chin vent.

5. OPERATING INSTRUCTIONS

5.1 Main Visor Operation

- To open the main visor, gently lift it from the bottom edge. It can be set in multiple positions.
- To close, pull the visor down until it securely latches.

5.2 Integrated Sun Visor Operation

- To deploy the integrated sun visor, locate the slider mechanism on the left side of the helmet and slide it forward.
- To retract the sun visor, slide the mechanism backward.

5.3 Chin Bar (Modular) Operation

- To raise the chin bar, locate the release button on the underside of the chin bar (typically in the center). Press the button and lift the chin bar upwards until it locks into the open position.
- To lower the chin bar, press the release button again and gently pull the chin bar down until it securely latches into the closed position. Ensure it is fully locked before riding.

5.4 Ventilation System

- **Chin Vent:** Slide the lever on the chin bar to open or close the chin vent for airflow to the face and visor.
- **Top Vents:** Slide the levers on the top of the helmet to open or close the top vents for head ventilation.
- **Rear Exhaust Vents:** These vents are typically passive and work in conjunction with the front vents to draw hot air out of the helmet.



Figure 4: Rear view of HJC C91 helmet, highlighting the ventilation system.

5.5 Chin Strap Fastening

- The HJC C91 uses a quick-release buckle system. Insert the male end into the female receiver until it clicks securely.
- Adjust the strap length for a snug, comfortable fit under your chin.
- To release, pull the red tab on the buckle.

6. MAINTENANCE

6.1 Visor Replacement (HJ-17 Shield)

The RapidFire Shield Replacement System allows for quick, tool-free visor changes.

1. Open the main visor fully.
2. Locate the release levers on both sides of the visor mechanism.
3. Pull the levers to release the visor from its pivot points.
4. Carefully remove the visor.
5. To install a new visor, align the pivot points of the new visor with the helmet's mechanism.
6. Push firmly until you hear a click, indicating it is securely latched on both sides.
7. Test the visor operation to ensure proper installation.

6.2 Interior Pad Removal and Installation

The cheek and crown pads are removable and washable for hygiene.

1. Gently unclip the snap fasteners holding the cheek pads in place.
2. Carefully pull the cheek pads away from the helmet shell.
3. For the crown pad, locate the fasteners (snaps or tabs) and detach them.
4. To reinstall, reverse the steps, ensuring all fasteners are securely reattached.

6.3 Care and Cleaning

- **Exterior Shell:** Clean with mild soap and water. Avoid harsh chemicals or abrasive cleaners.
- **Visors:** Use a soft cloth and mild soap and water. Do not use abrasive materials or window cleaners.
- **Interior Pads:** Hand wash with mild soap and water. Air dry completely before reinstalling.
- Store your helmet in a cool, dry place away from direct sunlight and extreme temperatures.

7. BLUETOOTH SYSTEM (SMART HJC READY)

Your HJC C91 helmet is designed to be compatible with Smart HJC 10B or 20B Bluetooth communication systems (sold separately). Speaker pockets are integrated into the helmet for easy installation of these systems. Refer to the specific Smart HJC Bluetooth system's instruction manual for detailed installation and operation procedures.

8. SPECIFICATIONS

Feature	Specification
Brand	HJC

Model Name	C91 Solid
Item Model Number	0847-0109-06
Safety Rating	DOT Certified (FMVSS 218)
Material	Polycarbonate (PC)
Shape	Oval
Item Weight	3.46 pounds
Product Dimensions	15 x 11 x 11.8 inches
Vehicle Service Type	Street Bike

9. TROUBLESHOOTING

If you encounter any issues with your helmet, please review the relevant operating or maintenance sections. For persistent problems, consult a certified HJC dealer or contact HJC customer support.

10. WARRANTY AND SUPPORT

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.

For customer support, spare parts, or additional information, please visit the [HJC Store on Amazon](#) or the official HJC Helmets website.