

## Pinlock DKS 111

# HJC HJ-20M Pinlock Lens Instruction Manual

Brand: Pinlock | Model: DKS 111

## INTRODUCTION

The Pinlock HJ-20M lens is an anti-fog insert designed to prevent fogging on your motorcycle helmet visor. It creates a double-glazed effect by forming an airtight seal between the Pinlock lens and the helmet visor, effectively isolating the temperature difference that causes fog.

## COMPATIBILITY

This Pinlock lens is specifically designed for HJC HJ-20M face shields. It is compatible with HJC FG-17 and HJC IS-17 helmet models that feature Pinlock-ready visors.

**Note:** Ensure your helmet visor has the built-in Pinlock pins for proper installation.

## SETUP AND INSTALLATION

- Prepare the Visor:** Remove your helmet visor from the helmet. Clean the inside of the visor thoroughly with a soft cloth and mild soap and water. Ensure it is completely dry and free of dust or debris.
- Flex the Visor:** Gently flex the visor flat to allow the Pinlock pins to move closer together. This will create tension when the Pinlock lens is installed.
- Position the Lens:** Align the Pinlock lens with the pins on the inside of your visor. The silicone seal on the Pinlock lens should face the visor.
- Insert the Pins:** Carefully insert one side of the Pinlock lens onto a pin. While keeping the visor flexed, gently push the other side of the Pinlock lens onto the second pin.
- Check the Seal:** Release the visor. The Pinlock lens should now be securely in place with a tight seal around its edges. If there are gaps, remove the lens, flex the visor more, and re-install.



Image: The clear Pinlock HJ-20M lens, designed to fit HJC HJ-20M face shields. This lens is a transparent insert with small notches on each end for attachment to the visor's Pinlock pins.

**Text Description of Image:** The image displays a clear, curved plastic lens, which is the Pinlock HJ-20M anti-fog insert. It has a slightly elongated oval shape, tapering at both ends. Small, semi-circular cutouts are visible at each end, designed to engage with the Pinlock pins on a helmet visor. The lens appears smooth and transparent, indicating its function as an optical insert.

## OPERATING INSTRUCTIONS

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Once properly installed, the Pinlock lens operates automatically to prevent fogging. No special actions are required during use. The lens maintains a clear field of vision by creating an insulating air layer between itself and the main visor.

## MAINTENANCE AND CLEANING

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### Cleaning the Pinlock Lens

To clean the Pinlock lens, remove it from the visor. Use only a soft, damp cloth and mild soap. **Do not use alcohol-based cleaners, abrasive materials, or strong chemical solvents**, as these can damage the anti-fog coating and the silicone seal. Rinse with clean water and allow to air dry.

### Cleaning the Visor

Clean the main visor separately using appropriate visor cleaning solutions or mild soap and water. Ensure the visor is completely dry before re-installing the Pinlock lens.

# TROUBLESHOOTING

## Fogging Persists

- **Check Seal:** Ensure the Pinlock lens is creating a tight, airtight seal against the main visor. If there are gaps, remove and re-install the lens, flexing the visor more to increase tension on the pins.
- **Clean Lens:** Dirt or oils on the lens surface can impair its anti-fog properties. Clean the lens as per the maintenance instructions.
- **Pin Adjustment:** Some Pinlock pins are adjustable. If fogging persists, you may need to rotate the pins slightly to increase the tension on the lens, thereby improving the seal.

## Scratches or Damage

- Handle the Pinlock lens with care. Avoid contact with sharp objects or abrasive surfaces.
- If the lens is scratched or damaged, its effectiveness may be reduced, and replacement is recommended.

# SPECIFICATIONS


- Brand:** Pinlock
- Model:** DKS 111 (HJ-20M)
- Material:** Plastic
- Color:** Clear
- Compatibility:** HJC HJ-20M face shields (HJC FG-17, HJC IS-17 helmets)
- Function:** Anti-fog insert
- Dimensions:** Approximately 11.81 x 3.94 x 3.94 inches
- Item Weight:** Approximately 1.41 ounces











*Note: Dimensions and weight are approximate and may vary slightly.*

# WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your Pinlock HJ-20M lens, please refer to the official Pinlock website or contact your authorized Pinlock dealer. Keep your purchase receipt as proof of purchase.

## Related Documents - DKS 111

	<p><a href="#">HJC i80 Motorcycle Helmet Owner's Manual   Safety, Features, and Maintenance</a></p> <p>Comprehensive owner's manual for the HJC i80 motorcycle helmet, covering safety information, features, proper usage, maintenance, and replacement parts. Includes multilingual support and detailed instructions.</p>
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 	<p><a href="#">SHARK RIDILL 2 Motorcycle Helmet User Manual - Safety and Care</a></p> <p>Discover the SHARK RIDILL 2 motorcycle helmet owner's manual. Learn about safety, proper fitting, visor care, maintenance, and legal compliance for optimal protection.</p>
 	<p><a href="#">SHARK RS-JET Carbon Owner's Manual: Safety, Fit, and Maintenance Guide</a></p> <p>This owner's manual for the SHARK RS-JET Carbon helmet provides comprehensive information covering critical safety precautions, detailed instructions for selecting the correct size and ensuring a proper fit, and essential maintenance procedures.</p>
 	<p><a href="#">NEXX X.WST3 Motorcycle Helmet User Manual and Care Guide</a></p> <p>Comprehensive user manual for the NEXX X.WST3 motorcycle helmet, detailing installation of accessories like X.COM 3, visor and liner maintenance, FRS system, Pinlock installation, ventilation, sizing, and general helmet care. Includes safety information and manufacturer details.</p>
 	<p><a href="#">Shark D-Skwal 3 Motorcycle Helmet User Manual</a></p> <p>Comprehensive user manual for the Shark D-Skwal 3 motorcycle helmet, covering safety precautions, sizing, maintenance, and component assembly. Includes instructions in multiple languages.</p>
 	<p><a href="#">NEXX Y.100 &amp; Y.100R Motorcycle Helmet Instruction Manual</a></p> <p>Comprehensive instruction manual for NEXX Y.100 and Y.100R motorcycle helmets, covering parts description, ventilation, cleaning, visor and lining maintenance, accessories, sizing, and X.COM 3 communication system installation.</p>