

HJC HJ-09

HJC HJ-09 Flat Anti-Fog Shield Instruction Manual

Model: HJ-09 Flat Shield with TO Posts

1. PRODUCT OVERVIEW

The HJC HJ-09 Flat Anti-Fog Shield is designed as a replacement or upgrade for compatible HJC motorcycle helmets. This shield features an anti-fog coating to maintain clear visibility during various riding conditions. It is equipped with "TO Posts" for tear-off film application, enhancing its utility for racing or demanding environments. This shield is intended for use with HJC helmets that are DOT approved and FMVSS 218 certified, ensuring compatibility with helmets designed for legal on-road motorcycle use in the United States.

Key Features:

- **HJ-09 Flat Shield Design:** Provides a clear, unobstructed view.
- **Anti-Fog Coating:** Reduces fogging for improved visibility in humid or cold conditions.
- **TO Posts:** Integrated posts for attaching tear-off films (tear-offs sold separately).
- **Compatibility:** Designed for specific HJC helmet models. Refer to your helmet's manual for shield compatibility.

2. INSTALLATION INSTRUCTIONS

Proper installation of your HJC HJ-09 Flat Anti-Fog Shield is crucial for safety and performance. Always refer to your specific HJC helmet's owner's manual for detailed shield removal and installation procedures, as mechanisms may vary slightly between helmet models.

General Installation Steps:

1. **Prepare Your Helmet:** Place your helmet on a stable, flat surface. Ensure the helmet is clean and free of debris around the shield mechanism.
2. **Remove Old Shield (if applicable):**
 - Open the existing shield to its fully open position.
 - Locate the shield release mechanisms on both sides of the helmet. These are typically levers, buttons, or tabs.
 - Activate the release mechanism on one side and gently pull the shield away from the helmet. Repeat for the other side.
 - Carefully remove the old shield, ensuring not to damage the helmet's shield base plates.

3. Install New HJ-09 Shield:

- Align the pivot points of the new HJ-09 shield with the shield base plates on your helmet. Ensure the anti-fog side is facing inwards.
- Gently press the shield into place until you hear or feel a click, indicating it is securely seated. Some systems may require you to push a lever back into position.
- Repeat for the other side.

4. Verify Installation:

- Once installed, slowly open and close the shield several times to ensure it operates smoothly and latches securely in the closed position.
- Check that there are no gaps between the shield and the helmet's eyeport gasket when closed.



Image 1: HJC HJ-09 Flat Anti-Fog Shield. This image shows the clear shield, highlighting its flat design and anti-fog properties. The TO posts are visible on the sides.

3. OPERATING THE ANTI-FOG SHIELD

The HJC HJ-09 Flat Anti-Fog Shield is designed to reduce fogging, particularly in cooler temperatures or high humidity. The anti-fog properties are integrated into the shield material or applied as a coating.

Maximizing Anti-Fog Performance:

- **Proper Ventilation:** Ensure your helmet's ventilation systems are open to allow airflow, which helps to dissipate moisture and maintain the anti-fog effect.
- **Avoid Touching Inner Surface:** Do not touch or wipe the inner surface of the shield, as this can damage the anti-fog coating.

- **Tear-Offs (Optional):** If using tear-offs on the exterior, ensure they are applied correctly to avoid obstructing vision or interfering with shield operation.

4. MAINTENANCE AND CARE

Proper maintenance extends the life and effectiveness of your HJC HJ-09 Flat Anti-Fog Shield. Always handle the shield with care to prevent scratches or damage to the anti-fog coating.

Cleaning Instructions:

1. **Exterior Cleaning:**

- Use a soft, clean cloth (microfiber is recommended) and lukewarm water with a mild soap (e.g., baby shampoo).
- Gently wipe the exterior surface to remove dirt, bugs, and road grime.
- Rinse thoroughly with clean water and air dry, or gently blot with a clean, soft cloth.
- Avoid abrasive cleaners, paper towels, or harsh chemicals, as these can scratch the shield or damage coatings.

2. **Interior (Anti-Fog) Cleaning:**

- The anti-fog coating on the interior surface is delicate. Avoid wiping it unless absolutely necessary.
- If cleaning is required, gently dab with a very soft, damp cloth. Do not rub or use any cleaning agents on the interior.
- Allow to air dry completely.

Storage:

- When not in use, store the shield in a protective bag or within the helmet to prevent scratches.
- Store in a cool, dry place away from direct sunlight or extreme temperatures.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your HJC HJ-09 Flat Anti-Fog Shield.

Problem	Possible Cause	Solution
Shield fogs up excessively.	<ul style="list-style-type: none">• Insufficient helmet ventilation.• Anti-fog coating compromised.• Extreme temperature/humidity conditions.	<ul style="list-style-type: none">• Ensure all helmet vents are open.• Avoid touching the inner surface. If coating is damaged, replacement may be necessary.• Consider using a breath guard or additional anti-fog inserts for extreme conditions.

Problem	Possible Cause	Solution
Shield does not close properly or has gaps.	<ul style="list-style-type: none">• Incorrect installation.• Debris in shield mechanism.• Damaged shield base plates on helmet.	<ul style="list-style-type: none">• Re-install the shield, ensuring it clicks securely into place on both sides.• Clean the shield mechanism area on the helmet.• Inspect helmet base plates for damage; contact HJC support if damaged.
Scratches or reduced clarity.	<ul style="list-style-type: none">• Improper cleaning methods.• Abrasive contact during storage or use.	<ul style="list-style-type: none">• Follow recommended cleaning procedures.• Store shield in a protective bag. Replace shield if clarity is significantly impaired.

6. SPECIFICATIONS

Feature	Detail
Brand	HJC
Model Name	HJ-09 Flat Shield with TO Posts
Part Number	19-015
Color	Anti-Fog Clear
Special Feature	Fog Control
Item Dimensions (L x W x H)	5.5 x 10.5 x 0.1 inches
Item Weight	7.68 ounces
Recommended Uses	Motorcycling
Sport Type	Motorsport

7. WARRANTY AND SUPPORT

For specific warranty information regarding your HJC HJ-09 Flat Anti-Fog Shield, please refer to the documentation included with your purchase or visit the official HJC website. Warranty terms typically cover manufacturing defects. For technical support, product inquiries, or to purchase replacement parts, please contact HJC customer service directly or visit their official brand store:

HJC Official Store: [HJC Store on Amazon](#)



