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› ILM Model-129 Full Face Motorcycle Snowmobile Helmet Instruction Manual

ILM ILM-129

ILM Model-129 Full Face Motorcycle Snowmobile Helmet Instruction Manual

Your Guide to Safe and Comfortable Riding

1. INTRODUCTION

Thank you for choosing the ILM Model-129 Full Face 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 comfort. This helmet is designed for use in motorcycling and snowmobiling, offering advanced protection and features.



Figure 1: ILM Model-129 Full Face Helmet (Matte Black)

2. SAFETY INFORMATION

Your safety is paramount. The ILM Model-129 helmet meets or exceeds FMVSS 218 DOT safety standards, ensuring a high level of protection. It features a durable ABS shell and high-density EPS foam for impact absorption.

ILM MOTORCYCLE HELMET

If you prefer a comfort fit, please choose one size up.

SIZE	CM	INCHES	HAT SIZE
XS	53 - 54	20⅞ - 21¼	6⅝ - 6¾
S	55 - 56	21⅝ - 22	6⅞ - 7
M	57 - 58	22½ - 22⅞	7⅞ - 7¼
L	59 - 60	23¼ - 23⅝	7⅜ - 7½
XL	61 - 62	24 - 24¾	7⅝ - 7¾
XXL	63 - 64	24¾ - 25¼	7⅞ - 8



Figure 2: Helmet on a rider, emphasizing DOT safety standards.

Key Safety Features:

- **DOT Certified:** Meets or exceeds FMVSS 218 DOT safety standards.
- **ABS Shell:** Provides robust outer protection.
- **High-Density EPS Foam:** Designed for superior impact absorption.
- **Dual Visor System:** Offers clear vision and sun protection.
- **Pinlock 30 Anti-Fog System:** Reduces visor fogging, especially in cold weather.

3. PRODUCT FEATURES

3.1 Dual Visor System

The helmet is equipped with a dual visor system: a clear outer lens and an inner tinted lens. The inner tinted lens can be easily deployed or retracted using a lever on the side of the helmet, providing instant sun protection without needing sunglasses.



Figure 3: Dual Visor Design for enhanced visibility and protection.

3.2 Pinlock Anti-Fog System

A Pinlock 30 fog-resistant insert is included with your helmet. This system creates an insulating air pocket between the Pinlock insert and the visor, effectively preventing fogging, particularly beneficial for riding in cold or humid conditions.



Figure 4: Pinlock 30 Anti-Fog system for clear vision in challenging weather.

3.3 Ventilation System

The helmet features multiple adjustable vents to ensure optimal airflow and temperature regulation. These include front, top, and rear vents with a large fin for maximum ventilation.

Excellent Ventilation inside the Helmet

Due to the exchange between air coming from outside and the air inside, the temperature inside the helmet can be efficiently regulated



Front Air Vent



Top Air Vent*2



Rear Air Vent

Figure 5: Excellent Ventilation System with adjustable vents.

3.4 Comfort and Fit

- **Removable & Washable Liners:** Ultra-soft and comfortable liners can be removed for cleaning, ensuring hygiene and prolonged comfort.
- **Communication System Speaker Pockets:** Integrated pockets allow for easy installation of communication system speakers.

- **Eyewear Friendly Design:** Special slots in the padding accommodate eyeglasses, preventing discomfort.
- **Quick Release Strap & Buckle:** Facilitates easy and secure fastening and removal of the helmet.

EXTRA ACCESSORIES YOU MAY WANT TO BUY

Heated Visor



Breath Guard



Tinted Lens



Figure 6: Eyewear friendly design and communication system speaker pockets.

4. SETUP AND INSTALLATION

4.1 Visor Replacement

The outer face shield is designed for easy removal and replacement. To remove, lift the visor to its highest position, then locate the release mechanism on each side (often a button or lever). Press the release and gently pull the visor forward to detach. To install, align the visor with the pivot points and push until it clicks securely into place.



EASY TO EXCHANGE



Tinted Visor
Need to buy by yourself



Clear Visor
Package Include



Figure 7: Easy Visor Exchange for clear or tinted options.

4.2 Pinlock Installation

The Pinlock 30 insert is installed on the inside of the clear outer visor. Carefully bend the visor slightly to flatten it, then align the Pinlock pins with the holes on the visor. Press the Pinlock insert onto the pins, ensuring a tight seal around the edges. Release the visor to allow it to return to its curved shape, securing the Pinlock in place.

4.3 Heated Visor (Optional Accessory)

A heated visor is available as an optional accessory (search B08JG8L3P8). This visor connects to your vehicle's power source to prevent fogging and icing in extreme cold. Follow the heated visor's specific installation instructions.

4.4 Communication System & Eyewear

The helmet includes dedicated speaker pockets and an eyewear-friendly design. To install communication system speakers, gently peel back the inner liner to expose the speaker pockets and place your speakers inside. For eyeglasses, the helmet's design allows the temples of your glasses to slide comfortably into designated channels, reducing pressure points.

5. OPERATION

5.1 Using the Dual Visor

The clear outer visor can be opened and closed manually. The inner tinted visor is operated by a small lever located on the left side of the helmet. Push the lever forward to deploy the tinted visor and pull it back to retract it.

5.2 Adjusting Vents

The front, top, and rear vents are adjustable. Slide the small tabs on each vent to open or close them, allowing you to control the airflow and internal temperature of the helmet.



Figure 8: Front Air Vent for adjustable airflow.

5.3 Quick Release Strap

To fasten the helmet, insert the male end of the strap into the female buckle until it clicks. To release, pull the red tab on the buckle, and the strap will disengage. Ensure the strap is snug but comfortable under your chin.



Figure 9: Quick Release Strap for easy and secure fastening.

6. MAINTENANCE

6.1 Cleaning Liners

The helmet's liners are removable and washable. Gently detach the liners from the helmet interior. Hand wash them with mild soap and water, then air dry completely before reinserting them into the helmet. Do not machine wash or tumble dry.



Figure 10: Removable and Washable Liners for hygiene and comfort.

6.2 Visor Care

Clean visors with a soft cloth and mild soap and water. Avoid abrasive cleaners or solvents that could damage the visor's coating. For the Pinlock insert, clean it gently with a soft, damp cloth and avoid rubbing the inner surface to preserve its anti-fog properties.

7. TROUBLESHOOTING

- **Helmet feels too tight/small:** The helmet size may run small. Consider ordering one size up from your measured head circumference. If you have already purchased, contact ILM customer service for potential replacement pads to adjust the fit.
- **Visor detaches unexpectedly:** Ensure the visor is correctly aligned and securely clicked into both pivot points during installation. Check for any debris or damage to the release mechanism.
- **Visor fogging:** Ensure the Pinlock 30 insert is correctly installed and sealed against the outer visor. If fogging persists, verify the Pinlock is clean and undamaged.
- **Heated visor not working (optional):** Check the power connection to your vehicle and ensure the heated visor is properly connected and free from damage.

8. SPECIFICATIONS

Feature	Specification
Model Name	ILM-129

Safety Rating	DOT Certified (FMVSS 218)
Shell Material	Acrylonitrile Butadiene Styrene (ABS)
Liner Material	Expanded Polystyrene (EPS)
Visor Type	Dual Visor (Clear Outer, Tinted Inner)
Anti-Fog System	Pinlock 30 (Included)
Closure Type	Quick Release Buckle
Ventilation	Front, Top, & Rear Adjustable Vents
Weight	4.59 pounds (2.09 kg)
Dimensions	15 x 11 x 11 inches

9. SIZE GUIDE

To ensure a proper fit, measure your head circumference and refer to the table below. Please note that the size may run small, so consider choosing one size up for optimal comfort.

Brand Size	Head Circumference (in)	Hat Size (in)
XS	20.9 - 21.3	6.6 - 6.8
S	21.6 - 22	6.9 - 7
M	22.5 - 22.9	7.1 - 7.3
L	23.3 - 23.6	7.4 - 7.5
XL	24 - 24.4	7.6 - 7.8
2XL	24.8 - 25.3	7.9 - 8

10. OFFICIAL PRODUCT VIDEOS

ILM Motorcycle Snowmobile Full Face Helmet Anti-fog Casco

Your browser does not support the video tag.

Video 1: This video demonstrates the features and anti-fog capabilities of the ILM Model-129 helmet, suitable for both motorcycle and snowmobile use.

ILM Motorcycle Snowmobile Full Face Helmet Anti-fog Pinlock

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Video 2: A detailed look at the anti-fog Pinlock system integrated into the ILM Model-129 helmet, showcasing its effectiveness for clear visibility.

11. OPTIONAL ACCESSORIES

Enhance your riding experience with these compatible accessories:

- **Heated Visor:** For extreme cold weather conditions, providing fog-free and ice-free vision. (Search B08JG8L3P8)
- **Breath Guard:** Helps direct exhaled breath away from the visor to further reduce fogging.
- **Tinted Lens:** Additional tinted visors are available for different light conditions or aesthetic preferences.
- **Clear Visor:** Replacement clear visors are available.



Heated Visor



Breath Guard



Tinted Lens



Clear Visor

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