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Nolan N7X5270330095

Nolan N70-2 X Modular Helmet User Manual

Model: N7X5270330095

Brand: Nolan

1. INTRODUCTION

This manual provides essential information for the proper use, maintenance, and care of your Nolan N70-2 X Modular Helmet. Please read this manual thoroughly before using your helmet to ensure maximum safety and to fully understand its features and functionalities. The Nolan N70-2 X is an adventure-style off-road crossover helmet designed for versatility and protection.

2. PRODUCT OVERVIEW

The Nolan N70-2 X helmet offers six possible configurations, allowing you to adapt it to various riding conditions and personal preferences. These configurations are achieved by adding or removing the protective chin bar, face shield, and adjustable peak.



Figure 2.1: The Nolan N70-2 X Modular Helmet in its standard configuration with chin bar, face shield, and peak installed. This configuration provides the benefits of a full-face helmet.

Key Features:

- **Six Possible Configurations:** Adaptable with removable chin bar, face shield, and adjustable peak.
- **Ultrawide Pinlock Ready Faceshield:** Provides a greater field of vision. A clear anti-fog Pinlock lens is included.
- **VPS Inner Sunscreen:** Fully adjustable, UV400, scratch/fog resistant, and treated with Lexan. Features auto quick retention.
- **Airbooster Airflow System:** Includes chin guard air intake and rear air exhaust ventilation for optimal airflow.
- **Microlock2 Retention System:** Double lever retention system for secure fastening.
- **Lexan Polycarbonate Outer Shell:** Durable and protective.
- **Comfort Padding:** Newly designed inner comfort padding, including a removable neck-roll.
- **N-Com Communication System Ready:** Accepts B901R, B901L, B601R N-Com communication systems.

3. SETUP AND INITIAL USE

3.1. Sizing and Fit

Ensure you select the correct helmet size for a secure and comfortable fit. The N70-2 X is available in two shell sizes to accommodate XS-3XL. Refer to the size chart below for guidance.

Size Chart N100-5
2 Shell Sizes - Circumferences

SIZE	XXXS	XXS	XS	S	M	L	XL	XXL	XXXL
OUTER SHELL	2	NA							
CIRCONF. CM	54	55	56	58	60	62	64	65	
INCHES	21 ^{1/8} "	21 ^{1/8} "	22"	22 ^{1/8} "	23 ^{1/8} "	24"	24 ^{1/8} "	25 ^{1/8} "	

Size Chart N44evo
2 Shell Sizes - Circumferences

SIZE	XXXS	XXS	XS	S	M	L	XL	XXL	XXXL
OUTER SHELL	2	NA							
CIRCONF. CM	54	55	56	58	60	62	64	65	
INCHES	21 ^{1/8} "	21 ^{1/8} "	22"	22 ^{1/8} "	23 ^{1/8} "	24 ^{1/8} "	25 ^{1/8} "	25 ^{1/8} "	

Size Chart N104A
2 Shell Sizes - Circumferences

SIZE	XXXS	XXS	XS	S	M	L	XL	XXL	XXXL
OUTER SHELL	2	NA							
CIRCONF. CM	54	55	56	58	59/60	61	63	65	
INCHES	21 ^{1/8} "	21 ^{1/8} "	22"	22 ^{1/8} "	23 ^{1/8} "	24"	24 ^{1/8} "	25 ^{1/8} "	

Size Chart N40-5
1 Shell Size - Circumferences

SIZE	XXXS	XXS	XS	S	M	L	XL	XXL	XXXL
OUTER SHELL	1	NA							
CIRCONF. CM	54	55	56	58	60	62	64	65	
INCHES	21 ^{1/8} "	21 ^{1/8} "	22"	22 ^{1/8} "	23 ^{1/8} "	24 ^{1/8} "	24 ^{1/8} "	25 ^{1/8} "	

Size Chart N91evo
1 Shell Size - Circumferences

SIZE	XXXS	XXS	XS	S	M	L	XL	XXL	XXXL
OUTER SHELL	1	NA							
CIRCONF. CM	54	55	56	58	60	62	63	NA	
INCHES	21 ^{1/8} "	21 ^{1/8} "	22"	22 ^{1/8} "	23 ^{1/8} "	24 ^{1/8} "	24 ^{1/8} "	NA	

Size Chart N40/N40 Full
1 Shell Size - Circumferences

SIZE	XXXS	XXS	XS	S	M	L	XL	XXL	XXXL
OUTER SHELL	1	NA							
CIRCONF. CM	54	55	56	58	60	62	63	NA	
INCHES	21 ^{1/8} "	21 ^{1/8} "	22"	22 ^{1/8} "	23 ^{1/8} "	24 ^{1/8} "	24 ^{1/8} "	NA	

Size Chart N87
2 Shell Sizes - Circumferences

SIZE	XXXS	XXS	XS	S	M	L	XL	XXL	XXXL
OUTER SHELL	2	NA							
CIRCONF. CM	54	55	56	58	61	62	64	65	
INCHES	21 ^{1/8} "	21 ^{1/8} "	22"	22 ^{1/8} "	23 ^{1/8} "	24 ^{1/8} "	25 ^{1/8} "		

Size Chart N21
2 Shell Sizes - Circumferences

SIZE	XXXS	XXS	XS	S	M	L	XL	XXL	XXXL
OUTER SHELL	2	NA							
CIRCONF. CM	56	58	59	61	63				
INCHES	22"	22 ^{1/8} "	23 ^{1/8} "	24 ^{1/8} "	24 ^{1/8} "				

Figure 3.1: Nolan Helmet Size Chart. Measure your head circumference to determine the appropriate helmet size for optimal safety and comfort.

3.2. Installing the Pinlock Lens

1. Carefully remove the face shield from the helmet.
2. Flex the face shield slightly to flatten it.
3. Align the Pinlock lens with the pins on the inside of the face shield.
4. Press the edges of the Pinlock lens onto the pins until it seals securely. Ensure there are no gaps between the Pinlock and the face shield.
5. Reinstall the face shield onto the helmet.

3.3. Adjusting the VPS Inner Sunscreen

The VPS inner sunscreen can be adjusted using the lever located on the side of the helmet. Push the lever up or down to deploy or retract the sunscreen. The auto quick retention system ensures it stays in place.

4. OPERATING THE HELMET CONFIGURATIONS

The N70-2 X offers versatile configurations to suit different riding environments:

- **Full-Face Configuration:** Chin bar and face shield installed. Provides maximum protection and wind deflection.
- **Adventure Configuration:** Chin bar and peak installed, face shield removed (allows use of goggles). Offers increased airflow while maintaining full-face protection.
- **Open-Face (3/4) Configuration:** Chin bar, face shield, and peak removed. Provides an open-face experience.

4.1. Removing/Installing the Chin Bar

To remove the chin bar, locate the release mechanisms on both sides of the helmet, typically near the pivot points. Follow the specific instructions provided in the helmet's included quick-start guide for detailed steps. To install, align the chin bar with the helmet and snap it securely into place until you hear a click on both sides.

4.2. Adjusting Ventilation

The Airbooster airflow system includes a chin guard air intake and rear air exhaust ventilation. Open or close the vents as needed to regulate airflow and maintain comfort inside the helmet.

5. MAINTENANCE AND CARE

5.1. Cleaning the Outer Shell

Use a soft cloth dampened with mild soap and water. Avoid abrasive cleaners or solvents, as they can damage the Lexan polycarbonate shell and finish. Wipe gently and dry with a clean, soft cloth.

5.2. Cleaning the Faceshield and Pinlock

Remove the face shield. Clean with lukewarm water and a soft cloth. For the Pinlock lens, only use lukewarm water and avoid rubbing the inner surface. Allow both to air dry completely before reassembly.

5.3. Cleaning the Interior Padding

The inner comfort padding and neck-roll are removable. Hand wash them with mild soap and water. Rinse thoroughly and allow to air dry completely before reinstalling. Do not machine wash or tumble dry.

5.4. Storage

Store your helmet in a cool, dry place away from direct sunlight and extreme temperatures. Use a helmet bag to protect it from dust and scratches.

6. TROUBLESHOOTING

6.1. Faceshield Fogging

- Ensure the Pinlock lens is correctly installed and sealed against the face shield.
- Check that the Pinlock lens is clean and free of oils or dirt.
- Increase ventilation by opening the chin guard air intake and other vents.

6.2. Loose Chin Bar

- Verify that the chin bar is fully engaged and locked on both sides. You should hear a distinct click when properly installed.
- Inspect the release mechanisms for any obstructions or damage.

6.3. Retention System Issues

If the Microlock2 double lever retention system is not fastening securely, inspect for debris or wear. Do not attempt to repair a damaged retention system; contact Nolan support or an authorized dealer for assistance.

7. SPECIFICATIONS

Feature	Detail
Model Name	Nolan N70-2 X
Model Number	N7X5270330095

Feature	Detail
Shell Material	Lexan Polycarbonate (PC)
Weight	Approximately 4 pounds
Dimensions	11 x 11 x 14 inches (Product Dimensions)
Safety Certification	Meets or exceeds D.O.T. standards (DOT FMVSS No. 218 Certified)
Inner Sunscreen	VPS, UV400, scratch/fog resistant, Lexan treated
Retention System	Microlock2 double lever
Communication System Compatibility	N-Com B901R, B901L, B601R
Country of Origin	USA

8. SAFETY INFORMATION

WARNING: Proposition 65

This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

Always wear a helmet that meets or exceeds D.O.T. standards. A properly fitted helmet is crucial for safety. Never modify your helmet, as this can compromise its protective capabilities.

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, product support, or service, please contact Nolan customer service directly or visit their official website. Keep your proof of purchase for warranty claims.

Nolan Official Website: www.nolan-helmets.com (Example link, actual link may vary)

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