

[Manuals.plus](#) /

› [GREEN DEVIL](#) /

› GREEN DEVIL Mervex Vent Safety Helmet System Instruction Manual

GREEN DEVIL Mervex Vent

GREEN DEVIL Mervex Vent Safety Helmet System

INSTRUCTION MANUAL

1. Product Overview

The GREEN DEVIL Mervex Vent Safety Helmet System is designed to provide comprehensive head, eye, and hearing protection for various industrial, construction, and forestry applications. This system integrates a hard hat with dual-layer visors and adjustable ear muffs, ensuring user safety and comfort.



Image 1: The GREEN DEVIL Mervex Vent Safety Helmet System in Orange, featuring integrated visors and ear muffs.

Key Features:

- **6-in-1 Safety System:** Combines hard hat, visors, and ear muffs for comprehensive protection.
- **Dual-Layer Eye/Face Protection:** Includes an adjustable high-definition eye protection and a half-face tinted visor.
- **Hearing Protection:** Equipped with adjustable ear muffs providing a Noise Reduction Rating (NRR) of up to 27dB.
- **Comfort Fit:** Features an adjustable 6-point suspension system, replaceable soft sweatband, and a comfortable chin strap.
- **Ventilation:** Sliding vents for improved breathability in various environments.
- **Compliance:** Meets ANSI Z89.1 Type 1 Class C, ANSI Z87.1-2015 (visors), and ANSI S3.19 (earmuffs) standards.



Image 2: Front view highlighting the components of the GREEN DEVIL Mervex Vent Safety Helmet System.

2. Safety Information

Read and understand all instructions before using this safety helmet system. Failure to follow these instructions may result in serious injury or death. This helmet is designed to protect against specific hazards as outlined by its certifications. It is not a substitute for safe work practices.

General Warnings:

- **Inspection:** Always inspect the helmet, visors, and ear muffs for damage before each use. Discard and replace any damaged components.
- **Fit:** Ensure the helmet is properly adjusted for a secure and comfortable fit. An improperly fitted helmet may not provide adequate protection.
- **Modifications:** Do not modify or alter any part of the helmet system. Modifications can compromise its protective capabilities and void warranties.
- **Cleaning:** Use only mild soap and water for cleaning. Avoid harsh chemicals, solvents, or abrasives that can degrade materials.
- **Temperature:** Avoid exposing the helmet to extreme temperatures, which can affect material integrity.

- **Electrical Hazards:** This helmet is ANSI Z89.1 Type 1 Class C, meaning it provides no electrical protection. Do not use where electrical hazards are present.

3. What's in the Box

Your GREEN DEVIL Mervex Vent Safety Helmet System package includes the following components:

- 1 x Safety Helmet with Built-in Visor
- 1 x Tinted Visor (Half-face)
- 1 x Pair of Ear Muffs
- 1 x Helmet Liner
- 1 x Customized Storage Bag



Image 3: All components included in the GREEN DEVIL Safety Helmet System package.

4. Setup Instructions

Proper setup ensures maximum protection and comfort. Follow these steps to prepare your helmet for use.

4.1. Adjusting the Head Size

1. Place the helmet on your head.
2. Locate the adjustable ratchet suspension dial at the back of the helmet.
3. Rotate the dial clockwise to tighten the suspension system for a snug fit, or counter-clockwise to loosen it. Adjust until the helmet feels secure without being uncomfortably tight. The helmet accommodates head sizes from 53-63 cm (20.87-24.80 inches).



Image 4: Adjustable ratchet suspension for head size adjustment.

4.2. Adjusting the 6-Point Suspension System

The internal 6-point textile suspension system can be adjusted for improved shock absorption and overall comfort.

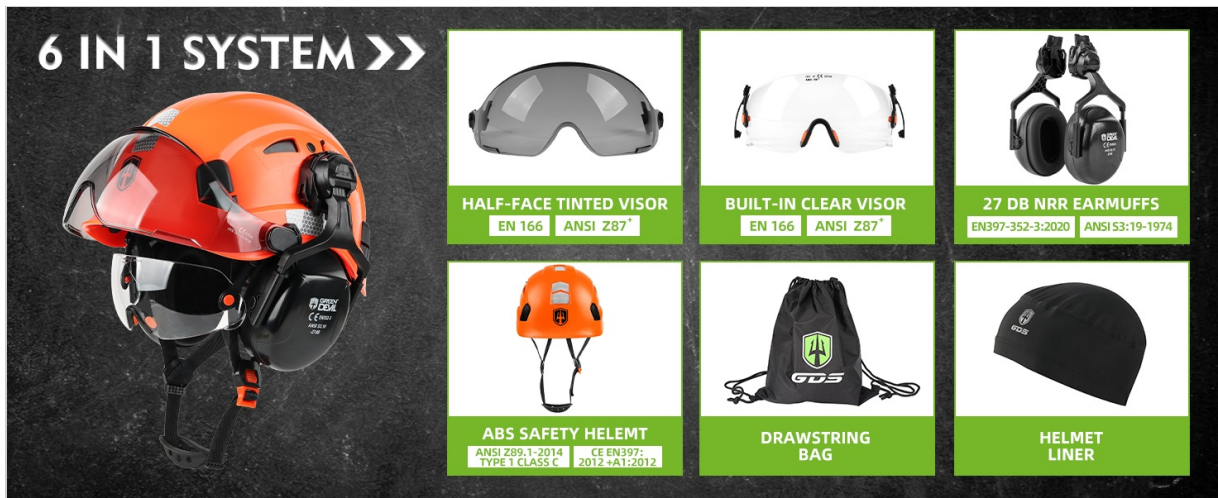


Image 5: The 6-point suspension system and sweatband for comfort and shock absorption.

4.3. Attaching and Adjusting the Chin Strap

1. Ensure the chin strap is securely attached to the helmet's anchor points.
2. Place the molded chin-cup under your chin.
3. Adjust the strap length on both sides to achieve a secure fit that keeps the helmet in place during activity. The chin strap is also removable if not needed.



Image 6: Adjusting the chin strap for a secure fit.

4.4. Adjusting Ear Muffs

1. The ear muffs are attached to the helmet and can rotate 360 degrees.
2. Position the ear muffs over your ears, ensuring a snug seal around the entire ear.
3. Adjust the height of the ear muffs by sliding them up or down along their attachment points on the helmet until they comfortably cover your ears.
4. The ear muffs can be removed if hearing protection is not required.

4.5. Positioning Visors

1. The helmet features a built-in clear visor and an additional half-face tinted visor.
2. Both visors can be independently slid up or down to the desired position.
3. For eye debris protection, lower the clear built-in visor.
4. For additional face debris protection and anti-UV properties, lower the half-face tinted visor.

Video 1: Demonstration of the GREEN DEVIL Safety Helmet's adjustable features, including chin strap, ear muffs, head size, and dual-layer visors.

5. Operating Instructions

Once the helmet system is properly adjusted, it is ready for use. Always ensure all components are correctly positioned for the task at hand.

5.1. Wearing the Helmet

Place the helmet firmly on your head, ensuring the front brim is positioned correctly. The helmet should not wobble or shift during movement. Secure the chin strap.

5.2. Using the Visors

- **Clear Built-in Visor:** Lower this visor for general eye protection against debris and impacts. It enhances good visibility.
- **Half-Face Tinted Visor:** Lower this visor for additional face protection, scratch prevention, dust protection, and anti-UV properties. Use in bright conditions or when additional face coverage is needed.
- Both visors can be retracted when not needed by sliding them upwards.



Image 7: Clear built-in visor providing eye debris protection.



Image 8: Half-face tinted visor for anti-UV and additional face protection.

5.3. Using the Ear Muffs

When working in noisy environments, ensure the ear muffs are pulled down and sealed tightly around your ears to achieve the stated NRR of 27dB. When not needed, they can be rotated upwards or removed.

5.4. Adjusting Ventilation

The helmet features sliding vent holes. On hot days or during strenuous activity, open the vents to increase air circulation and improve comfort. Close the vents in colder conditions or when protection from elements is desired.

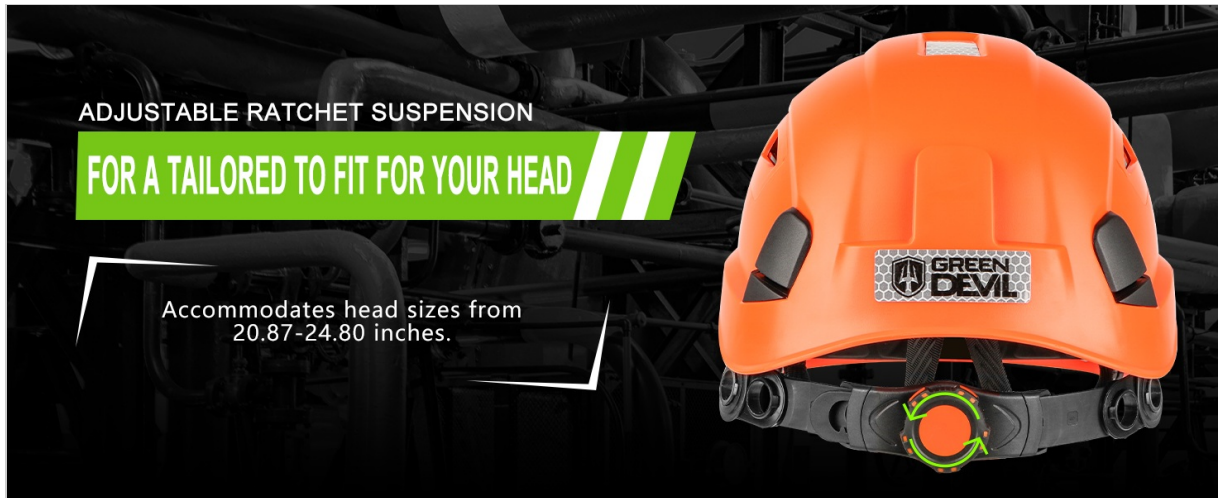


Image 9: Sliding vent holes for adjustable airflow.

6. Maintenance

Regular maintenance is essential to ensure the longevity and effectiveness of your safety helmet system.

6.1. Cleaning

- Clean the helmet shell, visors, and ear muffs with mild soap and warm water.
- Use a soft cloth or sponge. Avoid abrasive materials that could scratch the visors or helmet surface.
- Rinse thoroughly with clean water and air dry completely before storage or next use.
- The helmet liner and sweatband are replaceable and can be hand-washed with mild detergent.

6.2. Inspection

- Before each use, visually inspect all components for cracks, dents, discoloration, or any signs of wear and tear.
- Check the suspension system, chin strap, visor mechanisms, and ear muff attachments for proper function and integrity.
- If any damage is found, replace the affected component or the entire helmet system immediately.

6.3. Storage

Store the helmet system in the provided customized storage bag in a cool, dry place away from direct sunlight, extreme temperatures, and chemicals.

7. Troubleshooting

This section addresses common issues you might encounter with your GREEN DEVIL Mervex Vent Safety Helmet System.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Helmet feels loose or uncomfortable.	Improper head size or suspension adjustment.	Adjust the ratchet dial at the back of the helmet. Ensure the 6-point suspension straps are evenly distributed.
Visors do not stay in position.	Worn or loose visor attachment points.	Inspect the visor mechanisms for damage. If worn, contact support for replacement parts or consider replacing the helmet.
Ear muffs do not provide adequate noise reduction.	Improper fit, worn ear cushions, or damaged seal.	Ensure ear muffs are fully covering ears and creating a tight seal. Check ear cushions for wear and replace if necessary. Adjust height for optimal fit.
Excessive sweating inside helmet.	Vents closed or high ambient temperature.	Open the sliding vent holes on the helmet. Consider replacing the sweatband if it is saturated.

8. Specifications

Brand	GREEN DEVIL
Model Name	Mervex Vent
Model Number	06s
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Weight	1.19 Kilograms
Head Size Range	53-63 cm (20.86-24.80 inch)
Hard Hat Standard	ANSI Z89.1 Type 1 Class C
Visor Standard	ANSI Z87.1-2015
Ear Muffs Standard	ANSI S3.19 (NRR up to 27dB)
Closure Type	Buckle

9. Warranty and Support

GREEN DEVIL is committed to providing quality products. For any questions, suggestions, or support regarding your safety helmet, please contact us directly. We are available to assist you and provide satisfactory solutions.

Return Policy:

This product is eligible for return within 30 days of receipt for a refund or replacement, subject to the retailer's return policy.

Contact Information:

Please refer to the contact details provided with your purchase or visit the official GREEN DEVIL website for support.