Stihl 0000 886 0100

STIHL Forestry Helmet System User Manual

Model: 0000 886 0100

1. Introduction

This manual provides essential information for the safe and effective use, setup, and maintenance of your STIHL Forestry Helmet System. Designed for optimal protection during forestry and woodcutting activities, this system integrates head, face, and hearing protection into a single unit. Please read this manual thoroughly before initial use to ensure proper operation and safety.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Always inspect the helmet system for damage before each use. Do not use if any part is cracked, broken, or severely worn.
- Ensure the helmet fits securely and comfortably on your head. Adjust the suspension system as needed.
- The face screen provides protection against flying debris but is not a substitute for safety glasses. Always wear appropriate eye protection underneath the face screen.
- Ensure ear protectors are properly positioned over your ears to provide adequate hearing protection, especially when operating loud machinery.
- This helmet is designed for forestry and woodcutting tasks. Do not use it for purposes for which it was not intended.
- Keep the helmet clean and free from obstructions that could impair visibility or function.

3. Components Overview



Figure 1: STIHL Forestry Helmet System. This image displays the complete helmet system, featuring an orange hard hat, integrated black ear protectors, and a mesh face shield designed for protection during forestry work.

- **Hard Hat:** Provides impact protection for the head.
- **6-Point Ratchet Style Suspension System:** Allows for comfortable and secure fit adjustment.
- **Adjustable Hearing Protectors:** Muffs designed to reduce noise exposure.
- **Epoxy-Coated Full Face Screen:** Mesh screen for face protection against debris.
- **Rain Gutter:** Channels water away from the face.

4. Setup and Adjustment

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Suspension System Adjustment:** Place the helmet on your head. Use the 6-point ratchet style suspension system at the back of the helmet to tighten or loosen the fit until it is snug but comfortable. The helmet should not wobble or shift during movement.
3. **Hearing Protector Adjustment:** The ear protectors are adjustable. Pull them down over your ears until they fully cover them and create a seal. Ensure they are comfortable and provide adequate noise reduction. They can be

pivoted upwards when not needed.

4. **Face Screen Positioning:** The epoxy-coated full face screen can be moved up or down. For protection, lower the screen so it covers your entire face. When not in use, it can be flipped up and secured.

5. Operating Instructions

The STIHL Forestry Helmet System is designed to provide integrated protection. Follow these guidelines for optimal use:

- **Before Operation:** Always ensure the helmet is properly adjusted and all protective components (hard hat, ear protectors, face screen) are in their correct positions for the task at hand.
- **During Woodcutting/Forestry:** Keep the face screen lowered to protect against wood chips, sawdust, and other flying debris. Ensure ear protectors are firmly over your ears to mitigate noise from chainsaws or other loud equipment.
- **Rain Gutter Functionality:** The integrated rain gutter helps divert rain and moisture away from your face, improving visibility in wet conditions.
- **Communication:** When needing to communicate, the ear protectors can be temporarily lifted, and the face screen can be raised. Remember to reposition them for protection before resuming work.

6. Maintenance

Regular maintenance ensures the longevity and effectiveness of your helmet system:

- **Cleaning:** Clean the hard hat, ear protectors, and face screen with mild soap and water. Avoid harsh chemicals or abrasive materials that could damage the surfaces or coatings. Rinse thoroughly and air dry.
- **Inspection:** Periodically inspect all components for signs of wear, cracks, or damage. Pay close attention to the suspension system, ear protector seals, and the integrity of the face screen.
- **Storage:** Store the helmet system in a cool, dry place away from direct sunlight and extreme temperatures. Do not store heavy objects on top of the helmet.
- **Replacement Parts:** All parts of the STIHL Forestry Helmet System are replaceable. Contact an authorized STIHL dealer for genuine replacement parts to maintain safety standards.

7. Troubleshooting

Problem	Possible Cause	Solution
Helmet feels loose or uncomfortable.	Suspension system not properly adjusted.	Adjust the 6-point ratchet system at the back for a snug fit.
Ear protectors not reducing noise effectively.	Improper positioning or worn seals.	Ensure ear muffs fully cover ears and create a seal. Check seals for wear and replace if necessary.
Face screen visibility is poor.	Dirty screen or excessive scratches.	Clean the screen with mild soap and water. If heavily scratched, replace the face screen.
Rain/moisture dripping onto face.	Rain gutter clogged or damaged.	Clear any debris from the rain gutter. Inspect for damage.

8. Specifications

- **Brand:** Stihl
- **Model Number:** 0000 886 0100
- **Size:** One Size
- **Color:** Red, Black
- **Material:** ABS thermoplastic
- **Closure Type:** Ratchet
- **Weight:** 2.3 pounds
- **Package Dimensions:** 15 x 10.3 x 9 inches
- **Safety Standards Met:** ANSI Z89.1, EN 397
- **UPC:** 795711132743

9. Warranty and Support

For warranty information, technical support, or to purchase genuine replacement parts, please contact your authorized STIHL dealer or visit the official STIHL website. Keep your purchase receipt as proof of ownership.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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