

SafeWaze FS812

SafeWaze FS812 Adjustable Length Cross Arm Strap Instruction Manual

Model: FS812

1. INTRODUCTION

This manual provides essential instructions for the proper use, installation, maintenance, and inspection of the SafeWaze FS812 Adjustable Length Cross Arm Strap. This device is designed to serve as a temporary anchorage connector for personal fall arrest systems. It is imperative that all users read and understand these instructions completely before using the product. Failure to follow these instructions can result in serious injury or death.

The SafeWaze FS812 is a critical component of a personal fall arrest system. It must be used in conjunction with other compatible fall protection equipment, including a full-body harness and a connecting device (e.g., lanyard, self-retracting lifeline).

2. IMPORTANT SAFETY INFORMATION

WARNING: This product is part of a personal fall arrest system. Misuse or failure to follow instructions can result in serious injury or death.

- Only trained and competent persons should use this equipment.
- Inspect the strap before each use for damage, wear, or degradation. Do not use if any defects are found.
- Ensure the anchorage point can support a minimum of 5,000 lbs (22.2 kN) per worker attached, or meet OSHA 1926.502 and ANSI Z359.1 standards.
- Always calculate fall clearance to prevent striking a lower level or obstruction.
- Do not modify the equipment. Repairs must only be performed by the manufacturer or authorized personnel.
- Protect the webbing from sharp edges, abrasive surfaces, and high temperatures.
- Never connect multiple lanyards or devices to a single D-ring unless specifically designed for such use.
- In the event of a fall, immediately remove the strap from service and destroy it.

3. COMPONENTS

The SafeWaze FS812 Adjustable Length Cross Arm Strap consists of the following primary components:

- **Webbing:** 1.75 inch (44.45 mm) wide polyester webbing, high-visibility lime green.
- **D-Rings:** Two forged steel D-rings, one larger and one smaller, for connection and pass-through.
- **Stitching:** High-strength polyester stitching securing all components.
- **Adjuster:** A buckle or similar mechanism for adjusting the strap's length.



Figure 1: The SafeWaze FS812 Adjustable Length Cross Arm Strap. This image displays the lime green polyester

webbing with two forged steel D-rings at each end. One D-ring is larger, allowing the other D-ring to pass through it for secure anchorage. An adjustment buckle is visible on one side of the webbing.

4. SETUP AND INSTALLATION

The cross arm strap is designed to create a temporary anchorage point around a suitable structural member.

1. **Select an Anchorage Point:** Identify a structural member (e.g., beam, pipe) that is capable of supporting the required load (minimum 5,000 lbs or 22.2 kN per worker). The anchorage point must be free of sharp edges, burrs, or abrasive surfaces that could damage the webbing.
2. **Wrap the Strap:** Wrap the SafeWaze FS812 strap around the selected structural member.
3. **Connect D-Rings:** Pass the smaller D-ring through the larger D-ring.
4. **Secure the Connection:** Pull the smaller D-ring tight against the structural member, ensuring the strap is snug and securely anchored. The larger D-ring should now be accessible for connection to your personal fall arrest system.
5. **Adjust Length (if applicable):** If the strap features an adjustment mechanism, ensure it is set to the appropriate length to minimize slack and maintain a secure fit around the anchorage.
6. **Inspect Final Setup:** Visually inspect the entire setup to confirm the strap is correctly installed, free from twists, and not compromised by any hazards.

Important: The anchorage point must be located above the user's head to minimize fall distance.

5. OPERATING INSTRUCTIONS

Once the SafeWaze FS812 Cross Arm Strap is securely installed as an anchorage connector:

1. **Connect Fall Arrest System:** Attach your personal fall arrest system's connecting device (e.g., lanyard, self-retracting lifeline) to the larger D-ring of the cross arm strap.
2. **Verify Connection:** Ensure the connecting device is properly engaged and locked onto the D-ring.
3. **Maintain Clearances:** Always be aware of your surroundings and maintain adequate fall clearance below your work area.
4. **Regular Inspection:** Periodically check the anchorage connection and the entire fall arrest system during use to ensure continued integrity.

6. MAINTENANCE AND STORAGE

6.1 Inspection

A thorough inspection of the SafeWaze FS812 strap must be performed by the user before each use and by a competent person at least annually.

- **Webbing:** Check for cuts, fraying, burns, chemical damage, discoloration, excessive wear, or broken stitches.
- **D-Rings:** Inspect for deformation, cracks, corrosion, sharp edges, or any signs of damage. Ensure they pivot freely if designed to do so.
- **Stitching:** Verify all stitching is intact and free from cuts, breaks, or loose threads.
- **Labels:** Ensure all labels are present and legible.
- If any defects are found, immediately remove the strap from service.

6.2 Cleaning

Clean the strap with a mild soap and water solution. Rinse thoroughly with clean water and allow to air dry completely in a shaded, well-ventilated area away from direct sunlight or heat. Do not use harsh chemicals, solvents, or abrasive cleaners.

6.3 Storage

Store the strap in a cool, dry, clean environment, away from direct sunlight, extreme temperatures, corrosive chemicals, and sharp objects.

7. TROUBLESHOOTING

Most issues with fall protection equipment relate to improper inspection or installation.

- **Strap appears damaged:** Do not use. Remove from service immediately.
- **D-rings are bent or corroded:** Do not use. Remove from service immediately.
- **Strap does not fit securely around anchorage:** Re-evaluate the chosen anchorage point. Ensure the strap is wrapped and connected correctly, and adjust if possible. If a secure fit cannot be achieved, select a different anchorage point.
- **Labels are missing or illegible:** Do not use. Remove from service immediately.

If you encounter any issues not covered here, or if you are unsure about the safety or proper use of the product, contact SafeWaze customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	FS812
Attachment Points	2 Forged D-rings
Materials	1.75 in (44.45 mm) Polyester webbing, High-strength polyester stitching, Forged steel D-rings
Weight	1 lb (0.45 kg)
Weight Capacity / Max Working Load	300 lbs (136.08 kg)
Applicable Standards	Meets OSHA 1926-502, ANSI Z359.1, ANSI A10.32
Manufacturer	SafeWaze
Date First Available	May 7, 2016

9. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the official SafeWaze warranty policy available on their website or contact their customer service department directly.

For technical support, questions about product use, or to report any issues, please contact SafeWaze customer support.



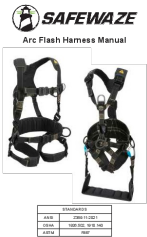


Manufacturer: SafeWaze

Website: www.safewaze.com (Example link, actual link may vary)

Contact: Refer to the manufacturer's website for current contact information.

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Related Documents - FS812

	<p>Safewaze D-Plate Anchor 024-4114: Installation, Safety, and Use Manual</p> <p>Comprehensive guide for the Safewaze D-Plate Anchor (Model 024-4114), covering installation, safety standards, limitations, applications, inspection, and maintenance for fall protection systems.</p>
	<p>Safewaze Quadrant Retractable HLL Manual (023-8091)</p> <p>User manual for the Safewaze Quadrant Retractable Horizontal Lifeline (HLL) system, model 023-8091. Covers installation, use, safety precautions, inspection, maintenance, and specifications for fall protection.</p>
	<p>Safewaze Arc Flash Harness User Manual: Safety, Usage, and Maintenance</p> <p>Comprehensive guide to Safewaze Arc Flash Harnesses, covering safety standards, proper usage, inspection, maintenance, and troubleshooting for fall protection in hazardous environments.</p>
	<p>Safewaze Arc Flash Lanyard Manual: Safety, Specifications, and Usage Guide</p> <p>Comprehensive manual for Safewaze Arc Flash Lanyards, covering intended use, safety standards, selection, specifications, installation, inspection, and maintenance for fall protection in arc flash environments.</p>
	<p>Safewaze Latitude Edge Cable SRL-P Manual: User Guide and Safety Instructions</p> <p>Comprehensive manual for Safewaze Latitude Edge Cable SRL-P Self-Retracting Lifeline (SRL). Covers intended use, safety standards, product specifications, installation, operation, inspection, maintenance, and fall clearance calculations for personal fall arrest systems.</p>



Fall Protection Competent Person Course

This Competent Person Course is designed for individuals who are responsible for the safety of others working at height. The course covers the requirements for fall protection, including the selection and use of fall protection equipment, and the development of fall protection plans.

- Understand the requirements for fall protection
- Select and use fall protection equipment
- Develop fall protection plans
- Understand the consequences of fall protection failures
- Understand the importance of fall protection training

This course is designed for individuals who are responsible for the safety of others working at height. The course covers the requirements for fall protection, including the selection and use of fall protection equipment, and the development of fall protection plans.

For more information, contact Safewaze at 1-800-255-7263 or visit our website at www.safewaze.com.

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[Safewaze Fall Protection Competent Person Course Information](#)

Details about the Safewaze Fall Protection Competent Person Course, including topics covered, course requirements, cost, schedule, and location. Designed for individuals working at height and responsible for fall protection.