

DBI Sala 3500225

DBI-Sala 8 ft. Self-Retracting Lifeline Model 3500225 User Manual

Important Safety and Usage Instructions

1. INTRODUCTION

This manual provides essential information for the safe and effective use of the DBI-Sala Nano-Lok Edge Self-Retracting Lifeline, Model 3500225. This device is designed to provide reliable fall protection for individuals working at height.

The DBI-Sala Nano-Lok Edge Self-Retracting Lifeline is a personal fall arrest system component. It features dual self-retracting lifelines, each equipped with a galvanized steel cable and a snap hook for connection to a full-body harness.

The unit is designed to maintain tension on the lifeline, automatically retracting and extending as the user moves, and locking quickly in the event of a fall.



This image displays the DBI-Sala Nano-Lok Edge Self-Retracting Lifeline. It features two independent self-retracting lifelines, each with a galvanized steel cable and a snap hook for connection. The main housing is blue and orange, with 'SALA NANO-LOK edge' branding visible on the units. A central attachment point connects the two lifelines.

2. SAFETY INFORMATION

2.1 General Safety Guidelines

- **Training:** Only trained and competent persons should use this equipment. Ensure you understand all instructions and warnings.
- **Inspection:** Always perform a thorough pre-use inspection. Never use damaged or improperly functioning equipment.
- **Compatibility:** Ensure all components of your fall arrest system (harness, anchorage, connectors) are compatible and meet applicable standards.
- **Weight Capacity:** Do not exceed the maximum weight capacity of 420 lb (including tools and clothing).
- **Environmental Factors:** Be aware of environmental hazards such as extreme temperatures, corrosive chemicals, sharp edges, and electrical hazards.
- **Emergency Plan:** Have a rescue plan in place and the means to implement it quickly in the event of a fall.

2.2 Visual Load Indicator

This self-retracting lifeline is equipped with a visual load indicator. If the indicator is deployed or shows any sign of activation, the unit has been subjected to a fall arrest event and must be immediately removed from service. Do not use a unit with an activated load indicator.

3. SETUP AND INSTALLATION

3.1 Pre-Use Inspection

Before each use, carefully inspect the entire unit:

- Check the housing for cracks, deformation, or damage.
- Inspect the galvanized steel lifelines for cuts, fraying, kinks, corrosion, or other damage.
- Verify that the snap hooks operate freely, the gates close and lock securely, and show no signs of deformation or corrosion.
- Ensure the lifelines retract and extend smoothly without hesitation or binding.
- Confirm the visual load indicator is not deployed.

3.2 Anchorage Requirements

The anchorage point must be capable of sustaining a static load of at least 5,000 lbs (22.2 kN) per worker attached, or meet the requirements of a qualified person. The anchorage should be located directly above the work area to minimize swing fall hazards.

3.3 Connecting to Anchorage

Attach the central connection point of the DBI-Sala Nano-Lok Edge unit to a suitable anchorage connector. Ensure the connection is secure and properly seated, following the instructions for your specific anchorage connector.

3.4 Connecting to Harness

Connect each snap hook at the end of the galvanized steel lifelines to the dorsal D-ring of your full-body harness. Ensure both snap hooks are fully closed and locked. Verify that the D-ring is properly positioned on your back.

4. OPERATING INSTRUCTIONS

4.1 Proper Use

Once connected, the self-retracting lifeline will automatically adjust its length as you move, keeping the lifeline taut. This minimizes the free fall distance in the event of a fall. Move within the working area, ensuring the lifelines remain free of obstructions and are not subjected to sharp edges.

4.2 Working at Height

Always maintain proper fall clearance below your work area. Avoid working directly over sharp edges that could damage the lifeline. Ensure the lifelines are not twisted or tangled during use.

4.3 Fall Arrest Event

In the event of a fall, the internal braking system will engage, arresting the fall. The visual load indicator will deploy.

Immediately after a fall, the user must be rescued promptly. The unit must be removed from service and inspected by a competent person or returned to the manufacturer for evaluation.

5. MAINTENANCE AND STORAGE

5.1 Cleaning

Clean the unit with a damp cloth and mild soap solution. Rinse thoroughly with clean water and allow to air dry completely in a shaded area. Do not use harsh chemicals, solvents, or abrasive cleaners.

5.2 Storage

Store the self-retracting lifeline in a clean, dry, and cool environment, away from direct sunlight, corrosive chemicals, and extreme temperatures. Ensure the unit is free of moisture before storage.

5.3 Periodic Inspection

In addition to pre-use inspections, the unit must be inspected periodically by a competent person, as required by local regulations and manufacturer guidelines. Maintain detailed inspection records.

6. TROUBLESHOOTING

If you encounter any of the following issues, immediately remove the unit from service and contact DBI-Sala customer support or a qualified service technician.

- **Lifeline not retracting or extending smoothly:** Indicates internal mechanism issues.
- **Snap hooks not locking properly:** Compromises secure connection.
- **Visual load indicator deployed:** Unit has experienced a fall and is no longer safe for use.
- **Visible damage:** Any cracks, deformation, or severe wear on housing, lifeline, or connectors.

Do not attempt to repair the unit yourself. Only authorized personnel should perform repairs or maintenance beyond basic cleaning.

7. SPECIFICATIONS

7.1 Technical Data

Feature	Specification
Item	Self-Retracting Lifeline
Model Number	3500225
Length	8 ft.
Line Material	Galvanized Steel
Cable Diameter	3/16"
Housing Material	High-Impact Nylon/UV Resistant Nylon

Feature	Specification
Weight Capacity	420 lb.
Visual Load Indicator	Yes
Number of Legs	2
Anchorage Connection Hook Type	Steel Locking Snap Hook
Anchorage Hook Gate Opening	3/4"
Harness Connection Hook Type	Snap Hook
Tensile Strength	4200 lb.
Color	Blue/Orange
Braking System	Inertia
Standards	OSHA, ANSI Z359.14 Class B, LE Compliant, ANSI A10.32
Material (Overall)	Alloy Steel (components)

8. WARRANTY AND SUPPORT

For detailed information regarding the product warranty, limitations, and customer support, please refer to the official documentation provided with your DBI-Sala Nano-Lok Edge Self-Retracting Lifeline or visit the official DBI-Sala website. It is crucial to register your product if required to ensure full warranty coverage and access to support services.

ASK A QUESTION ABOUT THIS MANUAL

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.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question