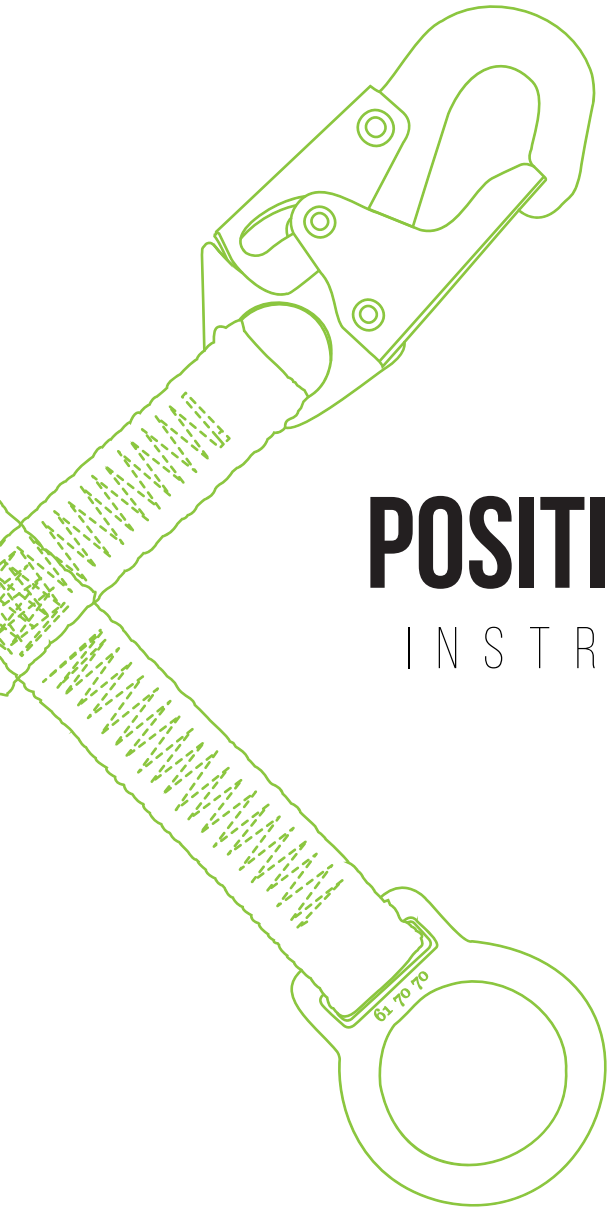


FRONTLINE

FALL PROTECTION



POSITIONING LANYARD

INSTRUCTION MANUAL



THE INSTRUCTIONS APPLIES TO THE FOLLOWING MODELS:
ACEL18S, LPO61SADJ



BKFL 04

Warning

- Users must provide this instructions to the authorized persons. Then read and understand it carefully before use this equipment.
- This User Instruction is not to be removed except by the user of this equipment.
- Current User Instruction must always be available to the user.
- Positioning lanyard is used to connect the safety harness or positioning belt to an anchorage point prevent the user reaching a position where a fall is possible.
- Lanyard used for "Positioning" should be of such a length or adjusted to such a length that a fall situation can't occur.
- Lanyard used in "work positioning" is designed to support the user when working at height and when needing a hands free environment.
- Do not wrap the Positioning lanyards around any structure and connect the lanyard back onto itself, unless the lanyard has been specifically designed to do so.
- The regulations included herein are for reference only. They are not all-inclusive and not intended to replace a Competent Person's judgement or knowledge of federal or state standards.
- The analysis of the workplace must anticipate where workers will be performing tasks, the routes they will take to reach their tasks, and the potential/existing exposure to fall hazards.
- Work positioning equipment must be chosen by a Competent Person. Selections must account for all potential hazardous workplace conditions.
- All work positioning equipment should be purchased in a new and unused condition.
- Select and install work positioning systems under the supervision of a Competent Person. Work positioning systems must be used in a compliant manner.
- Work positioning systems must be designed in compliance with all federal, state, and local safety regulations.
- Forces applied to anchors must be calculated by a Competent Person.
- Harnesses and connectors selected must be compliant with manufacturer's instructions and must be of compatible size and configuration.
- A pre-planned rescue procedure is required as part of a complete work positioning program. The rescue plan must be project specific. The rescue plan must either allow for employees to rescue themselves or provide an alternative means for their prompt rescue. Store rescue equipment in an easily accessible and clearly marked area.
- A Competent Person must train Authorized Persons to correctly erect, disassemble, inspect, maintain, store, and use equipment. Training must include the correct use of personal fall arrest systems, the ability to recognize fall hazards, and how to reduce the dangers of fall hazards.
- Do not misuse positioning lanyard, **NEVER** use any work positioning equipment to hang, lift, support, or hoist tools or equipment unless that equipment is explicitly certified for such use.
- Equipment must be inspected for defects including (but not limited to): the absence of required labels or markings, improper form/fit/function, evidence of cracks, sharp edges, deformation, corrosion, excessive heating, alteration, excessive wear, fraying, knotting, abrasion, and absence of parts. Equipment that fails inspection in any way must immediately be removed from use or repaired by an entity approved by Frontline.
- Physical harm may still occur even if fall safety equipment functions correctly.
- Do not remove or alter the labels when using this equipment.
- Do not alter this equipment unless explicitly permitted by Frontline.
- Do not use this equipment around moving machinery and electrical hazards.
- Do not use this equipment near sharp edges and abrasive surfaces.
- Do not expose this equipment to chemicals which may produce a harmful effect and to consult with Frontline in cases of doubt.
- Do not use combinations of components or subsystems or both which may affect or interfere with the safe function of each other.
- When using the positioning lanyard, need to make only compatible connections and limitations of compatibility.
- When using the positioning lanyard, must use in conjunction with a fall arrest system, such as work positioning or restraint system.
- When using the positioning lanyard, shall proper method of coupling the connector and checking that it is closed and locked.

Limitations for Use

- Positioning lanyards are not intended for fall arrest unless fitted with a shock absorber conforming to ANSI Z359.13-2013 and the overall length must not exceed 6FT.
- Positioning lanyards must be used with a full body harness.
- Positioning lanyards are designed for a single user.
- A fall arrest backup must be used if the user is not in "Positioning" and there is a risk of a fall.
- Do not repair equipment on-site unless explicitly permitted by Frontline.
- Snap hooks, carabiners, and other connectors must be selected and applied in a compatible fashion. All risk of disengagement must be eliminated. All snap hooks and carabiners must be self-closing and must never be connected to each other.
- Age, fitness, and health conditions can seriously affect the worker in the event of a fall.
- Consult a doctor if there is any reason to doubt a user's ability to set up the equipment or withstand and safely absorb fall arrest forces.
- Allowable range of individual worker weight limit (including all equipment) is 130~310 lb. (59~140 kg). Unless explicitly stated otherwise.

Anchorage Requirements

ANSI Z359.2-2017 states that anchorages selected for work positioning systems shall have a strength capable of sustaining static loads applied in the directions permitted by the system of at least:

- (a) 3,000 pounds (13.3kN) for non-certified anchorages; or
- (b) Two times the foreseeable force for certified anchorages.

When more than one work positioning system is attached to an anchorage, the strengths set forth in (a) or (b) above shall be multiplied by the number of systems attached to the anchorage.

The foreseeable free fall distance for work positioning anchorages should be limited to less than 2 feet (61cm).

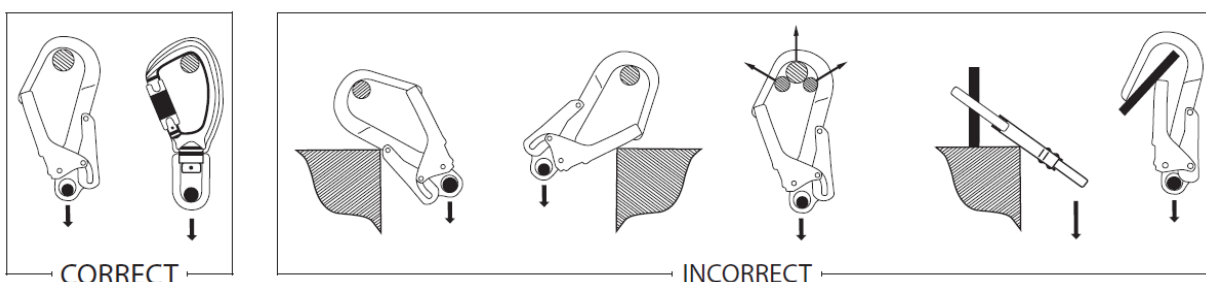


WARNING

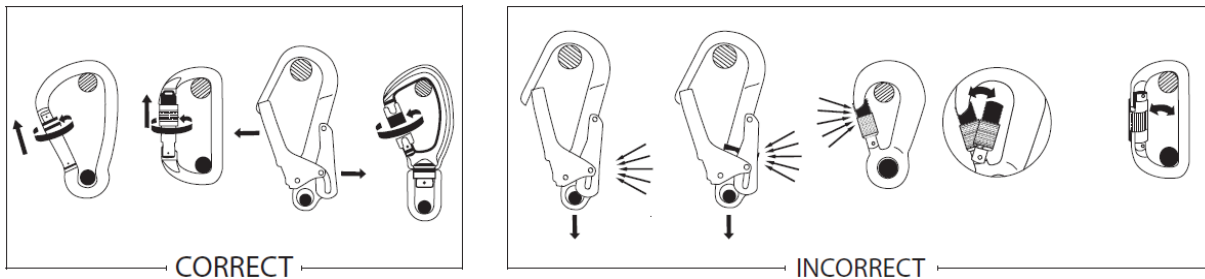
These lanyards must be used with an approved harness or waist belt and will provide a work positioning system when used with a suitable anchorage.

Basic Rules of Using the Snap Hook

- Before each use, a close visual examination of the snap hook components (body, gate, locking gear) must be carried out in respect of mechanical, chemical and thermal defects. The examination must be done by a person who is going to use the snap hook. In the case of any defect, doubt of correct condition of the snap hook do not use the snap hook.
- Using the snap hook, in connection with the fall arrest system, must be compatible with manual instructions of the fall arrest systems and obligatory standards.
- The snap hooks with manual locking (e.g. screw locking) shall be acceptable only in cases where the user does not have to attach and remove the snap hook many times a working day.
- During use the snap hook must be protected from any contact with acids, solvents, basics, open fire, hot metal drops and sharp edges. If you have any doubts about the conditions where the snap hook will be used, ask the producer.
- Before using the fall arrest system, the rescue operation must be introduced to avoid any danger that can happen during the use of the equipment.
- The shape of the structural anchor point should not let self-acting snap hook disconnection. - See drawings.



- It is necessary to protect the snap hook gate with locking gear. - See drawing.



- The length of the snap hook should be taken into account when used in any fall arrest system as it will influence the length of a fall.
- It must be taken into consideration that some situations during use may reduce the strength of the snap hook, e.g. connecting to wide straps.

The following conditions can result in rollout* when a non-locking snap hook is used. Avoid the following connections:

- Direct connection of a snap hook to horizontal lifeline.
- Two (or more) snap hooks connected to one D-ring.
- Two snap hooks connected to each other.
- A snap hook connected back on its integral lanyard.
- A snap hook connected to a webbing loop or webbing lanyard.
- Improper dimensions of the D-ring, rebar, or other connection point in relation to the snap hook dimensions that would allow the snap hook keeper to be depressed by a turning motion of the snap hook.



* Rollout: A process by which a snap hook or carabiner unintentionally disengages from another connector or object to which it is coupled.

Compatibility of components and subsystems

This equipment is designed for use with ANSI approved components and subsystems. Substitutions or replacements made with non-approved components or subsystems may be incompatible, and may jeopardize the safety and reliability of the complete system.

Compatibility of connectors

Connectors are considered to be compatible with connecting elements when they have been designed to work together in such a way that their sizes and shapes do not cause their gate mechanisms to inadvertently open regardless of how they become oriented.

Contact the manufacturer if you have any questions about compatibility.

Connectors (hooks, carabiners, and D-rings) must be capable of supporting at least 5,000 lb. (22 kN).

Connectors must be compatible with the anchorage or other system components. Do not use equipment that is not compatible.

Non-compatible connectors may unintentionally disengage.

Training

Employers are responsible for providing training to any employee who may be exposed to fall hazards. Training will enable an employee to recognize and reduce fall hazards. Training must be conducted by a Competent or Qualified Person. Trainer and trainees must not be exposed to fall hazards during the training course.

Inspection

Frequency

Positioning lanyards must be inspected prior to each use and annually by a “Competent Person” other than the user.

To Inspect Components

All components of the Positioning lanyards must be inspected.

All snap hooks and carabiners on product must be able to self-close and lock.

All hardware must be free of corrosion, chemical attack, alteration, excessive heating, wear cracks, sharp edges, deformation, corrosion, or any evidence of defect.

To Inspect Webbing/Rope

Bend a portion of the webbing 5.9- 7.87 Inches into an upside-down ‘U’ shape. Continue along all webbing inspecting for tears, cuts, fraying, abrasion, discoloration, burns, holes, mold, pulled or broken stitches, or other signs of wear and damage.

Adjust all keepers, buckles, padding, and D-ring to inspect webbing hidden by these components.

Sewn terminations must be secure, complete, and not visibly damaged.

Check all buckles for damage, distortion, cracks, breaks, and rough or sharp edges. Inspect for any unusual wear, frayed or cut fibers, or broken stitching of the buckle attachments. Make sure buckles properly engage.

Double-check the buckle locking mechanism by tugging on both halves of the buckle to make sure it is firmly connected and will not disengage.

It is necessary to check the performance of the adjustment device before use, which is related to the control of the restraint distance.

Cleaning, Maintenance, and Storage

Cleaning

Positioning lanyards can be wiped down with a mild detergent and missed with a clean cloth to remove detergent. The hardware can also be wiped down with a clean, dry cloth to remove grease or dirt.

Maintenance

Any Frontline positioning lanyards requiring maintenance must be tagged “unusable” and removed from service.

Storage & Transport

- When not in use, Frontline positioning lanyards should be stored in a cool, dry place out of direct sunlight.
- Do not store in areas where damage from environmental factors such as heat, light, excessive moisture, oil, chemicals and their vapors, or other degrading elements may be present.
- Do not store damaged equipment or equipment in need of maintenance in the same area as product approved for use. Equipment must be cleaned and dried prior to storage.
- Equipment that has been stored for extended period must be inspected as described in this *User Instructions* prior to use.
- Equipment must be transported in a package that protects it against moisture or mechanical, chemical and thermal attacks.

Labeling

All labeling must be legible and attached to the lanyard.

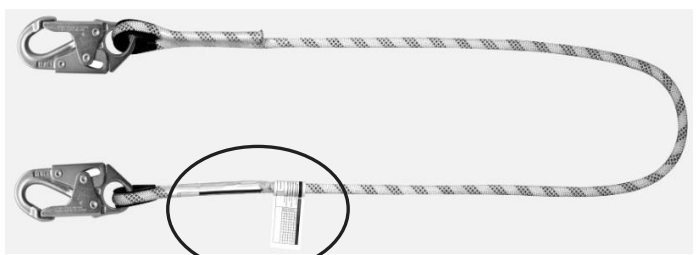
Etiqueta No. 1/3	FRONTLINE FALL PROTECTION	DO NOT REMOVE THIS LABEL/NO QUITE ESTA ETIQUETA			
		Model/Modelo:	XXXXXX	Capacity/Capacidad: (Included worker weight, clothing and tools) (Incluye ropa, herramienta y peso del usuario.)	130-310 Lbs.
		Material/Materiales:	Polyester/ Poliéster	Class/Clase:	Positioning Lanyard
		Date Made/Fecha Fabricación:	MM/YYYY	Length/Longitud:	(6 ft./1.8 m)/(6 pies/1.8mst)
		Meets/Cumple:	ANSI Z359.3-2019 OSHA1910 OSHA1926 XXXXXX	Made In/Hecho en:	China
		Serial No./Número Serie:			

Etiqueta No. 2/3	FRONTLINE FALL PROTECTION	DO NOT REMOVE THIS LABEL/NO QUITE ESTA ETIQUETA WARNING/PRECAUCION:	
		Read & heed all instructions in user manual supplied with lanyard. Remove from service if subjected to fall arrest. Need to avoid contact with sharp edges and abrasive surfaces. Need to make only compatible connections. Failure to follow warnings and instructions can result in serious injury or death. It is not intended for fall arrest unless fit a shock absorber.	
		Lea y preste atención a todas las instrucciones del manual del usuario que se suministra con el cordón. Retirar de servicio si se somete a detención de caídas. Es necesario evitar el contacto con bordes afilados y superficies abrasivas. Necesita hacer solo conexiones compatibles. El incumplimiento de las advertencias e instrucciones puede provocar lesiones graves o la muerte. No está diseñado para la detención de caídas a menos que tenga un amortiguador.	

Etiqueta No. 3/3	FRONTLINE FALL PROTECTION	DO NOT REMOVE THIS LABEL/NO QUITE ESTA ETIQUETA													
		Mark/Punch On Grip-Marque/Perfore en la Red.	J	F	M	A	M	J	J	A	S	O	N	D	
		1- Initial In Service Date/Fecha Inicio Servicio.	2020												
		2- Date Of Passed Inspection/Fecha de Inspección Aprobada.	2021												
		3- Competent Person To Inspect Every Six Months.	2022												
		4- Inspect Before Each Use / Inspeccione Antes De Cada Uso.	2023												
Punch/Perfore.	2024														
	1														
	2														
	3														

Just for Twin-legged Positioning Lanyard

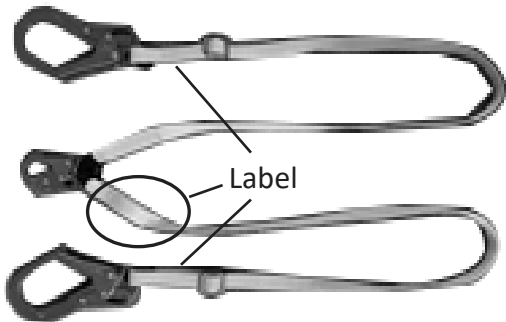
NEVER attach the leg of the lanyard back to the harness at any location other than a lanyard storage keeper.



Label



Label



Label

Notes

If equipment fails inspection **IMMEDIATELY REMOVE FROM SERVICE.**

User must inspect prior to **EACH** use.

Competent Person other than user must complete formal inspection at least every 6 months.

Competent Person to inspect and initial. Date of first use: _____.

Product lifetime is 5 years as long as it passes pre-use and Competent Person inspections. **REMOVE FROM SERVICE** 5 years after date of first use, or, if not recorded, from date of manufacture. All inspection records must be made visible and available to all users at all times.

Inspection Record

Supplier: _____ Date Purchased ____/____/____ User Name: _____ Date First use ____/____/____

Date	Pass/ Fail	Comments/actions	Next Inspection Due	Signed
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Manufacturer:

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 Email: info@frontlinefall.com
 Website: www.frontlinefall.com