FALL SAFE™

USER INSTRUCTIONS FOR
7100 SERIES LANYARDS

Complies with the current ANSI Z359.1-2007 and
all applicable OSHA regulations and requirements.



SureWerx®

FALL SAFE®
Ph. 1-800-323-7402

Canada labels
SureWerx, 49 Schooner St.
Coquitlam, BC V3K 0B3

USA labels
SureWerx USA Inc.
Elgin, IL USA 60123

USER INSTRUCTIONS - FALL SAFE LANYARDS

This manual is intended to meet the Manufacturer's Instructions as required by the current ANSI Z359.1(2007) ,and should used as part of an employee training program as required by OSHA.

WARNING: This product is one part of a personal fall arrest, restraint, work positioning, personnel riding, climbing, or rescue system. Without the other necessary components in such sub-systems the Lanyard itself serves no useful purpose. The user must follow the manufacturer's instructions for each component of the system. These instructions must be provided to the user before using this product and retained for ready reference by the user. The user must read, understand (or have explained), and heed all instructions, labels, markings and warnings supplied with this product and with those products intended for use in association with it before using this equipment. It is the responsibility of the user to assure they are familiar with these instructions, and are trained in the correct care and use of this equipment. User must also be aware of the operating characteristics, application limits, and the consequences of improper use of this equipment. Manufacturer's instructions must be followed for proper use and maintenance of this equipment. National standards and state, provincial and federal laws require the user to be trained before using this product. This manual can be used as part of a such a user safety-training program that is appropriate for the user's occupation.

IMPORTANT: Alterations or misuse of this product or failure to follow instructions may result in serious injury or death. If you have questions on the use, care, or suitability of this equipment for your application, contact Fall Safe for information.

APPLICATIONS

1) Purpose: Fall Safe lanyards are to be used as part of a personal restraint, work positioning, suspension, or rescue system. The D-ring extension assembly may also be used as part of a personal fall arrest system only if it is attached to a self retracting lifeline or an energy absorbing lanyard. Applications include: inspection work, construction, demolition, maintenance, oil production, and confined space rescue.

2) Limitations: Consider the following application limitations before using this equipment:

a) Capacity: This equipment is designed for use by persons with a combined weight (including tools, clothing, etc.) of no more than 310 lbs.

b) Free Fall: Lanyards used for work positioning applications must be rigged to minimize any potential vertical free fall. In no case should the potential free fall be greater than two feet. For situations where the free fall may exceed two feet, a backup fall arrest system should be used.

c) Fall Clearance: Ensure that adequate clearance exists in your fall path to prevent striking an object. The clearance required is dependent on the length and type of lanyard and anchorage location.

d) Backup Fall Arrest System: Fall Safe recommends the use of a personal fall arrest system with this equipment. The personal fall arrest system will protect the user if the work positioning system disengages from the anchorage point, or when detached from the work positioning system when moving from point to point. See OSHA 3926.503 and 3926.3053.

e) Environmental Hazards: Use of this equipment in areas where environmental hazards are present may require additional precautions to reduce the possibility of injury to the user or damage to the equipment. hazards may include, but are not limited to; high heat, sever cold, caustic chemicals, corrosive environments, high voltage power lines, explosive or toxic gases, moving machinery, or sharp edges.

f) Training: this equipment is intended to be used by persons trained in its correct application and use.

3) Applicable Standards: Refer to national standards, including the ANSI Z359 family of standards on fall protection, ANSI A30.32, and applicable local, state, and federal (OSHA) requirements governing occupational safety, for more information on work positioning systems.

SYSTEM REQUIREMENTS

1) Compatibility of Components and Subsystems: This equipment is designed for use with Fall Safe 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.

2) 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 Fall Safe if you have any questions about compatibility. Connectors (hooks, carabiners, and D-rings) must be capable of supporting at least 5,000 lbs. (22.2 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. Connectors must be compatible in size, shape, and strength. Self locking snap hooks and carabiners are required by ANSI Z359.4, OSHA, and CSA Z259.42.

3) Making Connections: Only use self-locking snap hooks and carabiners with this equipment. Only use connectors that are suitable to each application. Ensure all connections are compatible in size, shape and strength. Do not use equipment that is not compatible. Ensure all connections are fully closed and locked. Fall Safe connectors (snap hooks and carabiners) are designed to be used only as specified in each product's user's instructions. See Figure 1 for inappropriate connections. Snap hooks and carabiners should not be connected:

a) To a D-ring to which another connector is attached.
b) In a manner that would result in a load on the gate.
c) In a false engagement, where features that protrude from the snap hook or carabiner catch on the anchor and without visual confirmation seems to be fully engaged to the anchor point.
d) To each other.
e) Directly to webbing or rope lanyard or tie-back (unless the manufacturer's instructions for both the lanyard and connector specifically allows such a connection).
f) To any object which is shaped or dimensioned such that the snap hook or carabiner will not close and lock, or that roll-out could occur. (Figure 2)

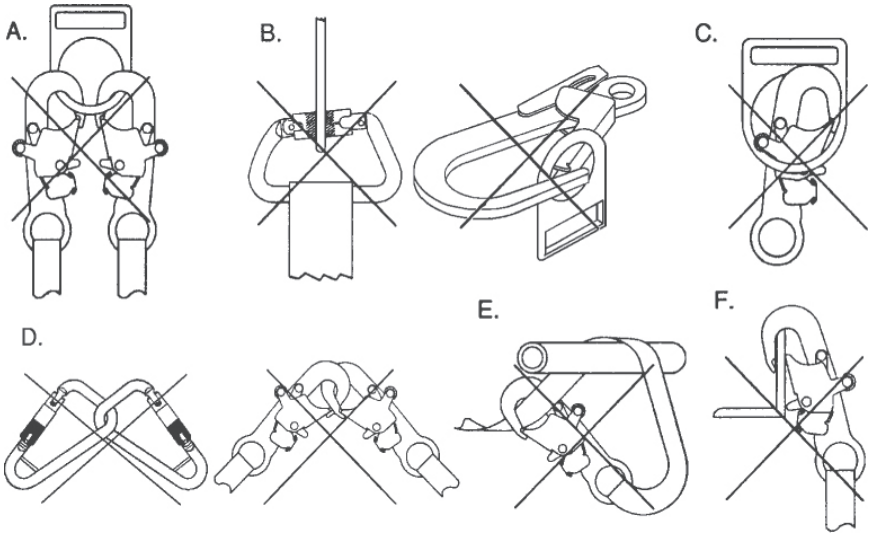
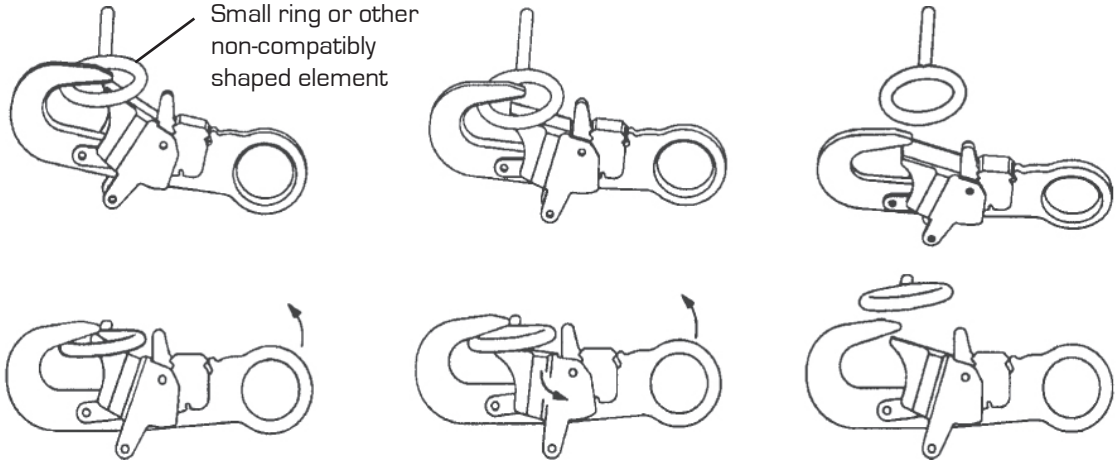


Figure 1

If the connecting element that a snap hook (shown) or carabiner attaches to is undersized or irregular in shape, a situation could occur where the connecting element applies a force to the gate of the snap hook or carabiner. This force may cause the gate (of either a self-locking or a non-locking snap hook) to open, allowing the snap hook or carabiner to disengage from the connecting point.



1. Force is applied to the snap hook.
2. The gate presses against the connecting ring
3. The gate opens, allowing the snap hook to slip off.

Figure 2

4) Anchorage Strength:
1. Restraint: Anchorages must support a minimum of 3,000 lbs. per person attached.
2. Working Positioning: Anchorages must support at least 3,000 lbs. per person attached; or be designed, installed, and used under the supervision of a qualified person as part of a complete system, maintaining a safety factor of at least two.
3. Suspension: Anchorages must support a minimum of 2,500 lbs. per person attached.
4. Rescue: Anchorages must support a minimum of 2,500 lbs. per person attached. 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 previously set forth in (A) and (B) shall be multiplied by the number of systems attached to the anchorage.

USE

1) Before each use of this equipment, carefully inspect it according to steps listed in this manual.
2) Plan your work positioning system before using this equipment. Consider all factors that will affect your safety during use of this equipment. Consider the following when planning your system:

a) Hazard Evaluation: Evaluate the job site for all possible hazards. Ensure the intended path of the user is unobstructed.
b) Body Support: Fall Safe recommends the use of a full body harness with this equipment. A body belt may be used when it is a part of a full body harness.
c) Back-Up Fall Protection: Fall Safe recommends the use of a personal fall arrest system with this equipment. Use the personal fall arrest system according to manufacturer's instructions.
d) Rescue: The authorized person must have a rescue plan and the means at hand to implement it when using this equipment where a suspension could occur(such as following a fall and self-rescue is not possible.

3) Making Connections: When using a hook to connect to an anchorage, ensure roll-out cannot occur (Fig 2, p.5). Roll-out occurs when interference between the hook and mating connector causes the hook gate to unintentionally open and release. Self-locking snap hooks and carabiners should be used to reduce the possibility of roll-out. Make sure all connectors close and lock and they do so automatically without manual assistance. Do not use hooks or connectors that will not completely close over the attachment object. Do not connect snap hooks or carabiners to each other.
4) Connecting the Lanyard to Body Support & Anchorage:

a) Connecting to the harness: Connect one leg of the lanyard to the dorsal D-ring of your full body harness.
b) Connecting to the Anchorage: Connect the snap hook or carabiner on the lanyard to the anchorage point.
c) Connecting the Personal Fall Arrest System: Connect the personal fall arrest system to the dorsal back D-ring on your full body harness.

TRAINING

It is the responsibility of the user to assure they are familiar with these instructions, and are trained in the correct care and use of this equipment. User must also be aware of the operating characteristics, application limits, and the consequences of improper use of this equipment.

INSPECTION

1) Frequency:

1) Before each use inspect according to steps listed in this manual. Remove equipment from field service if it has been subjected to damage or has been subjected to a fall arrest force.
2) Annually: This equipment must be inspected according to steps listed in this manual by a competent person, other than the user, at least annually.

2) Inspection Steps:

1) Inspect lanyard hardware (snap hooks, carabiners, quick-links, etc.) for damage, distortion, sharp edges, worn parts, or corrosion. The snap hooks or carabiners must work properly. Hook gates must move freely and lock upon closing. Inspect chain for damage, distortion, sharp edges, worn links, or corrosion.
3) Labels must be present and fully legible.
4) Inspect each system component and subsystem according to manufacturer's instructions.
5) Record inspection date and results on the inspection log on the product label.

3) If inspection reveals an unsafe or defective condition, remove lanyard from service and destroy.

MAINTENANCE, SERVICING, STORAGE

1) Clean the lanyard with water and mild detergent. Wipe off hardware with a clean, dry cloth and hang to air dry. Do not force dry with heat. An excessive build-up of dirt, paint, etc., may prevent the lanyard from working properly. If you have questions about the condition of your lanyard, contact Fall Safe.

2) Additional maintenance and servicing procedures must be completed by Fall Safe or parties authorized in writing. Do not disassemble this equipment.

3) Store the lanyard in a cool, dry, clean environment, out of direct sunlight. Avoid areas where chemical vapors are present. Thoroughly inspect this equipment after extended storage.

SPECIFICATIONS

7000 SERIES LANYARDS
Certified to meet the current ANSI Z359.1(2007) and OSHA regulations for the positioning device of a complete personal fall arrest system. Lanyard webbing certified minimum 9000 lb. (4082kg) breaking strength, all hardware certified to 5000 lb. (22kN) breaking strength, 100 percent proof tested to 3600 lbs. (16.5kN)

These Instructions Apply to the Following Part Numbers:
Last two digits indicate length:
71XX03 = 3 ft. working length
71XX04 = 4 ft. working length
71XX05 = 5 ft. working length
71XX06 = 6 ft. working length
71XX07 = 7 ft. working length
71XX10 = 10 ft. working length
711006
711103
711954
714103
717106
717206
717406

Made in Texas, USA

EQUIPMENT RECORD	
PART NUMBER	
SERIAL NUMBER	
DATE MANUFACTURED	
PURCHASE DATE	
ASSIGNED TO	

INSPECTION RECORD		
DATE	INSPECTOR	PASS/FAIL

LABELING





WARRANTY: • Warranty policy is that of an implied manufacturer warranty and covers manufacturer's defects and workmanship. This warranty is valid for one year from date of purchase unless otherwise stated • Warranties are limited to the replacement of defective parts. Parts damaged from misuse will not be replaced under the warranty program. SureWerx USA shall be the sole judge of part condition • Warranty does not apply to: (i) cosmetic damage, such as scratches, nicks and dents; (ii) consumable parts, such as batteries, unless product damage has occurred due to a defect in materials or workmanship; (iii) damage caused by accident, abuse, misuse, water, flood, fire, or other acts of nature or external causes; (iv) anticipated wear or damage due to use of the product in the application for which it is marketed; (v) damage to a product that has been modified or altered without the written permission of SureWerx. • Warranty varies by brand and product category. Please contact customer service for specific warranty policies

FALL SAFE®
Ph. 1-800-323-7402

Canada labels
SureWerx, 49 Schooner St.
Coquitlam, BC V3K 0B3

USA labels
SureWerx USA Inc.
Elgin, IL USA 60123

SureWerx®