



OSHA	1910.140, 1910.66
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SRL-P Instruction Manual



This manual is intended to meet manufacturer's instructions as required and should be used as part of an employee training program as required by OSHA.

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User Information

Date of First Use: _____

Serial#: _____

Trainer: _____

User: _____

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WARNINGS AND IMPORTANT PRECAUTIONS

User must read, understand, and follow all safety and usage information contained within this manual prior to use of this equipment. Failure to follow all safety and usage information can result in serious injury or death.

These instructions shall be provided to the user. User must read, understand, and follow all safety and usage information contained within this manual prior to use of this equipment. Failure to follow these instructions or improper use can result in serious injury or death.

Intended Use:

The equipment covered in this manual is intended for use as part of a complete Personal Fall Arrest System (PFAS).

Use of this equipment for any other purpose, such as material handling, sports activities, or other action not described in these User Instructions is not approved by Safewaze. Use of this equipment in a manner outside the scope of those covered within this manual can result in serious injury or death. The equipment covered in this manual is only to be used by trained personnel in workplace applications.



Safewaze Self-Retracting Lifelines (SRLs) are part of a complete PFAS. Every user must be trained in the inspection, installation, operation, and proper usage of their complete PFAS. Unapproved or inappropriate use of Safewaze SRLs could result in serious injury or death. Refer to these instructions for the proper selection, installation, maintenance, and service of this equipment. For questions regarding use of this equipment beyond the scope of this manual, contact Safewaze.

The warnings below are designed to reduce the risks associated with the use of Safewaze SRLs:

- User must inspect the SRL prior to each use which includes a check for proper locking and retraction.
- If the inspection reveals an unsafe or defective condition, the SRL must be removed from service and destroyed or repaired as specified in this manual.
- If a Safewaze SRL is exposed to fall arrest or impact forces, it must be immediately removed from service and tagged "Unusable".
- Never allow slack to form in the SRL lifeline constituent. Never tie or knot the lifeline.
- Utilize extra caution to keep the lifeline free from any obstructions including but not limited to; surrounding objects, tools, equipment, moving machinery, co-workers, yourself, or possible impact from overhead objects that could come into contact with the lifeline or worker.
- Avoid making sudden or quick movements as this could cause the SRL to inadvertently lock.
- Do not use a Safewaze SRL in an environment where the fall path is obstructed. Use of a Safewaze SRL on slowly shifting or unstable material such as grain or sand, or within cramped or confined spaces, may not allow the worker to reach adequate speed for the SRL lock up, resulting in possible engulfment.
- Work directly under the anchor point as much as possible to reduce risk of striking an object due to swing fall.
- Unused leg(s) of a harness mounted SRL must be attached to the parking component on the front of the harness.
- If the PFAS is made up of components from different manufacturers, ensure that all components of the PFAS are compatible with each other and meet all applicable standards, regulations, or requirements. A Competent or Qualified Person should always review and approve the PFAS system prior to worker use.
- Avoid lifeline contact with sharp or abrasive surfaces.
- DO NOT use combinations of components or subsystems, or both, that may affect or interfere with the safe function of each other.
- DO NOT alter equipment.
- DO NOT misuse equipment.
- User must have a written Rescue Plan and means at hand to implement it when using this equipment. All employees should be trained and knowledgeable in the Rescue Plan and Rescue Operations.
- Avoid exposure of this equipment to chemicals, high heat, severe cold or other harsh environments which may produce a harmful effect. If in doubt about serviceability of this equipment, contact Safewaze.



Users should enact the precautionary measures listed below to reduce the inherent risks of working at height:

- Fall protection equipment that fails inspection must be removed from service and tagged "Unusable." The equipment should then be returned to Safewaze for repair / service (if applicable) or destroyed. For questions regarding service / repair of components, contact Safewaze.
- Never exceed the maximum allowable weight capacity of your fall protection equipment.
- Never exceed the maximum free fall distance of your fall protection equipment.
- Only Safewaze, or entities authorized in writing by Safewaze, may make repairs to Safewaze fall protection equipment.
- User(s) of Safewaze fall protection equipment must ensure that their health and physical condition allows them to withstand all forces and potential risks associated with working at heights.
- Equipment covered in this manual is rated to a Maximum Capacity of 420 lbs. (Per OSHA). Although this equipment is rated to a 420 lbs. capacity, heavier users are at an increased risk of serious injury or death due to increased forces on the body during a fall. The risk for accelerated onset of suspension trauma can also become a serious factor after a fall event.
- Use of a body belt is NOT authorized for fall arrest applications. Use only a Full Body Harness (FBH).
- Always wear required personal protective equipment when installing, using, or inspecting this equipment.
- If conducting training operations with this equipment, ensure that a secondary fall protection system is installed and utilized in a manner that does not expose the trainee to unintended fall hazards.
- Immediately seek medical attention in the event a worker suffers a fall arrest incident.
- Certain subsystems may interfere with the proper operation of the equipment in this manual. Use only compatible connections. Contact Safewaze for questions regarding compatibility of equipment or components not covered in this manual.
- Avoid objects, equipment, or surfaces that could harm the user or equipment.
- User must ensure that there is adequate fall clearance when working at height.
- Extra precautions must be taken if working in the vicinity of moving machinery, electrical hazards, chemical hazards, sharp edges, explosive or toxic gases, extreme temperatures, or below overhead equipment or materials that could impact the user and their fall protection equipment.
- If work is conducted in a high heat environment, ensure that Arc Flash or other suitable fall protection equipment is utilized.

Do not throw away these instructions!

Read and understand these instructions before using equipment!

TABLE 1 - LATITUDE / LATITUDE PRO TIE-BACK SRL-P CONFIGURATION TABLES



Standards: OSHA 1910.140 & 1910.66

Capacity: ANSI 130-310 lbs. (59-141 kg)
OSHA Up to 420 lbs. (191kg)

Part Number	CONNECTOR				ATTACHMENT																										
	Single Leg (S) / Dual Leg (D) SRL Class	Working Length (ft.)	Lifeline Material	Lifeline Dimensions (in.)	Housing Material	Weight (lbs.)	LI Steel Swivel Snap Hook ①	Steel Snap Hook ②	Dielectric Snap Hook ③	Steel Tie Back Hook ④	Steel Rebar Hook ⑤	LI Steel Swivel Rebar Hook ⑥	Steel Swivel Rebar Hook ⑦	Steel Captive Eye Carabiner ⑧	ALU Captive Eye Carabiner ⑨	ALU Swivel Carabiner ⑩	No Attachment ⑪	Trip Lock Steel Carabiner ⑫	ALU Captive Eye Carabiner ⑬	ALU Carabiner ⑭	ALU Snap Hook ⑮	FS-EX313 ⑯	Cab Mount Bracket ⑰	Soft Loop ⑱	Integrated BMB ⑲	1014 BMB ⑳	9012 BMB ㉑	9013 BMB ㉒			
021-5282	1 S	6	UMWPE Webbing	.8X.05	Nylon	2.8			X																						X
021-5278	1 D	6	UMWPE Webbing	.8X.05	Nylon	5.3			X																					X	



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	Single Leg (S) / Dual Leg (D) SRL Class	Working Length (ft.)	Lifeline Material	Lifeline Dimensions (in.)	Housing Material	Weight (lbs.)	LI Steel Swivel Snap Hook ①	Steel Snap Hook ②	Dielectric Snap Hook ③	Steel Tie Back Hook ④	Steel Rebar Hook ⑤	LI Steel Swivel Rebar Hook ⑥	Steel Swivel Rebar Hook ⑦	Steel Captive Eye Carabiner ⑧	ALU Captive Eye Carabiner ⑨	ALU Swivel Carabiner ⑩	No Attachment ⑪	Trip Lock Steel Carabiner ⑫	ALU Captive Eye Carabiner ⑬	ALU Carabiner ⑭	ALU Snap Hook ⑮	FS-EX313 ⑯	Cab Mount Bracket ⑰	Soft Loop ⑱	Integrated BMB ⑲	1014 BMB ⑳	9012 BMB ㉑	9013 BMB ㉒			
018-5028	1 S	7	Dyneema® Webbing	.7X.05	Clear Resin	2.5					X							X													
018-5029	1 S	7	Dyneema® Webbing	.7X.05	Clear Resin	3.1					X								X												
018-5030	1 S	7	Dyneema® Webbing	.7X.05	Clear Resin	3.0					X									X											
018-5031	1 S	7	Dyneema® Webbing	.7X.05	Clear Resin	2.8					X										X										
018-5032	1 D	7	Dyneema® Webbing	.7X.05	Clear Resin	5.6					X							X						X							
018-5033	1 D	7	Dyneema® Webbing	.7X.05	Clear Resin	6.2					X								X					X							
018-5034	1 D	7	Dyneema® Webbing	.7X.05	Clear Resin	6.1					X									X				X							
018-5035	1 D	7	Dyneema® Webbing	.7X.05	Clear Resin	5.9					X										X			X							
018-5036	1 D	7	Dyneema® Webbing	.7X.05	Clear Resin	5.3					X																				X
019-5136	1 D	7	Dyneema® Webbing	.7X.05	Clear Resin	5.5					X																X				



1.0 INTRODUCTION

Thank you for purchasing a Safewaze Self-Retracting Lifeline (SRL). This manual must be read and understood in its entirety and used as part of an employee training program as required by OSHA or any applicable state agency. This manual and any other instructional material must be provided to the user(s) of the equipment. The user must understand how to use the SRL safely and effectively, as well as any related Personal Fall Arrest System (PFAS) components.

2.0 APPLICATION

Safewaze SRLs are intended for use as part of a complete personal fall arrest, restraint, work positioning, suspension, or rescue system. Safewaze SRLs are designed for a **single user** whose weight (including clothing, tools, and equipment) is:

ANSI 130-310 lbs. (59-141 kg)
OSHA Up to 420 lbs. (191 kg)

3.0 APPLICABLE SAFETY STANDARDS

Safewaze SRLs conform to the national standard(s) identified on their ID label. Refer to local, state, and federal (OSHA) requirements for additional information concerning the governing of occupational safety regarding Personal Fall Arrest Systems (PFAS). Examples of product labeling are illustrated in Figure 14 of this manual.

When used according to instructions, this product meets OSHA 1910.140, OSHA 1910.66.

Applicable standards and regulations depend on the type of work being done, and also might include state-specific regulations. Refer to local, state, and federal (OSHA) requirements for additional information concerning the governing of occupational safety regarding Personal Fall Arrest Systems (PFAS).

4.0 WORKER CLASSIFICATIONS

Understand the definitions of those who work in proximity of, or may be exposed to, fall hazards or rescues.

Qualified Engineer: "Qualified Engineer" means a person with a bachelor of science degree in engineering from an accredited college or university. They are able to assume personal responsibility for the development and application of engineering science and knowledge in the design, construction, use, and maintenance of their projects.

Qualified Person: "Qualified Person" means one who, by possession of a recognized degree, certificate, or professional standing, or who by extensive knowledge, training, and experience, has successfully demonstrated their ability to solve or resolve problems relating to the subject matter, the work, or the project.

Competent Person: "Competent Person" means one who is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.

Authorized Person: "Authorized Person" means a person approved or assigned by the employer to perform a specific type of duty or duties, or to be at a specific location or locations, at the jobsite.

It is the responsibility of a Qualified or Competent person to supervise the jobsite and ensure safety regulations are complied with.

5.0 TRAINING

This equipment is intended to be used by persons trained in its correct application and use. 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. Users must be aware of the operating characteristics, application, limits, and the consequences of improper use.

6.0 LIMITATIONS AND REQUIREMENTS

When installing or using this equipment always refer to the following requirements and limitations:

- **Capacity:** Safewaze Self-Retracting Lifelines are designed in compliance with OSHA to meet the weight capacity range of up to 420 lbs.
- **Anchorage:** Anchorages selected for fall arrest systems shall have a strength capable of sustaining static loads applied in the directions permitted by the system of at least:
 1. 5,000 lbs. (2267.9 kg) for non-certified anchorages, or
 2. Two times the maximum arresting force for certified anchorages.

When more than one fall arrest system is attached to an anchorage, the strengths set forth in (1) and (2) above shall be multiplied by the number of systems attached to the anchorage.

From OSHA 1910.140, 1910.66, 1926.502

Anchorages used for attachment of personal fall arrest systems shall be independent of any anchorage being used to support or suspend platforms, and capable of supporting at least 5,000 lbs. (2267.9 kg) per user attached, or be designed, installed, and used as part of a complete personal fall arrest system which maintains a safety factor of at least two, and is under the supervision of a qualified person.

- **Locking Speed:** The nature of this equipment requires sufficient space in the working area to allow for the SRL to lock. Working in small or confined spaces may keep the user's body from reaching the speed needed to lock the SRL during a fall. Working on slowly shifting materials, such as grain or sand, may not allow the speed needed to cause the SRL to lock.
- **Free Fall:** Safewaze SRLs, when used correctly with the unit anchored directly overhead and no slack in the lifeline, will limit the free fall distance to 0 ft. (0 m). In order to limit free fall distances, keep attachment of the SRL below Dorsal D-ring height to as minimal a distance as possible. Safewaze **Latitude / Latitude Pro SRLs** are designed to allow for below Dorsal D-ring use, but never anchor the SRL at a level below the user's feet.
- **Swing Falls:** As the user moves laterally away from an overhead anchor point, the risks related to swing falls increase. The force of striking an object involving swing fall can in some instances generate more forces than a fall with the user wearing no fall protection equipment. Minimize swing falls by working as directly below the anchorage point as possible.

- **Fall Clearance:** Figure 1 Illustrates a Fall Clearance Calculation. Fall Clearance (FC) is the total combined values of Free Fall (FF), Deceleration Distance (DD), and a Safety Factor (SF). Safety Factor calculations may differ by manufacturer, but for the purposes of this manual, the Safety Factor is calculated at 2 ft. The Safety Factor includes D-ring shift and Harness Stretch.

Table 5 in this manual indicates the Minimum Fall Clearances when **Latitude / Latitude Pro SRL-Ps** are anchored overhead. For falls from a kneeling or crouched position an additional 3 ft. (1 m) of Fall Clearance is required. If a Swing Fall Hazard exists, the total vertical fall distance will be greater than if the user had fallen directly under the anchor point. Section 10 and Table 6 in this manual provide information regarding Swing Fall hazards and additional Fall Clearance Requirements. The use of a D-ring extender can increase fall clearance. The user must allow for the length of the D-ring extender when calculating fall clearance.

- **Hazards:** Extra precautions should be taken if this equipment is used in an environment where hazards exist. Hazards can include but are not limited to: moving machinery, high voltage equipment or power lines, caustic chemicals, corrosive environments, toxic or explosive gases, or high heat. Avoid working in an area where overhead equipment or personnel could fall and contact the user, fall protection equipment, or the lifeline. Areas where the user's lifeline may cross or tangle with the lifeline of another user should be avoided. Do not allow the lifeline to pass under arms or between the user's legs.
- **Sharp Edges:** Safewaze **Class 2 SRLs** are designed for use in both Overhead and Leading Edge Environments. Should a specific work area have extremely sharp edge(s) that may come into contact with the lifeline constituent of the SRL, a **Class 2 SRL** is required.

7.0 PURPOSE

Self-Retracting Lifelines are used as part of a PFAS. Safewaze SRLs are designed to safely arrest the user in a fall from height, while minimizing forces associated with what can be an extremely violent event. Safewaze SRLs are authorized for use with Horizontal Lifeline Systems but must NEVER be used as the lifeline constituent of an HLL System. Safewaze Latitude Tie-Back SRL-Ps are designed for use below the Dorsal D-ring, up to a maximum distance of 5' (1.5 m). Latitude Pro Tie-Back SRL-Ps are designed for use below the Dorsal D-ring, up to a maximum of 2' (.61 m).

8.0 SPECIFICATIONS

Latitude / Latitude Pro Tie-Back SRL-P Minimum Breaking Strength	3,600 lbs. (1632.9 kg)
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Working Temperature Range	-35°F (-37°C) to 130°F (54°C)
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TABLE 2 - MATERIALS

Latitude 6' Tie-Back

HOUSING	Nylon
WEBBING	20 mm Ultrahigh Molecular Weight Webbing
SNAP HOOK	Forged Steel or Aluminum
REBAR HOOK	Forged Steel or Aluminum
ENERGY ABSORBER	Polyester
LABEL COVER	Polyester

Latitude Pro 7' Tie-Back

HOUSING	Clear Resin
WEBBING	20 mm Dyneema® Webbing
SNAP HOOK	Forged Steel, Aluminum, Dielectric
REBAR HOOK	Forged Steel or Aluminum
ENERGY ABSORBER	N/A
LABEL COVER	Polyester

9.0 MINIMUM REQUIRED FALL CLEARANCE

Personal Fall Arrest: Safewaze Latitude / Latitude Pro Tie-Back SRL-Ps can be used as part of a complete Personal Fall Arrest System (PFAS) for a maximum of one user. Only one user may be connected to an SRL. Avoid sharp and/or abrasive edges. If contact with an abrasive surface is unavoidable, proper edge protection must be used. The structure utilized for attachment must be capable of withstanding a load of 5,000 lbs. in all directions permitted by the system.

Actual Arrest Distance (AD):

Table 3 indicates the Actual Arrest Distance (AD) of the Latitude SRL-Ps when anchored directly overhead with 0' Swing Fall. Testing was performed in four environmental conditions. The actual arrest distances for the Latitude SRL-Ps indicated in Table 3, may allow a Qualified / Competent Person to determine if MRFCs can be adjusted based on jobsite conditions and/or environmental factors. A Maximum Allowed Arrest Distance of 42" was used in the MRFC calculations for Figure 1 and Table 5.

Latitude Tie-Back SRL-P Actual Arrest Distance (AD):

Table 3 indicates the Actual Arrest Distance (AD) of the Latitude Tie-Back SRL-Ps when anchored directly overhead with 0' Swing Fall. .

TABLE 3 - LATITUDE TIE-BACK ACTUAL ARREST DISTANCES - (OVERHEAD USE)

Model #	Ambient	Wet	Hot	Cold
Latitude 6' Tie-Back	15" (38.1 cm)	15" (38.1 cm)	23" (58.4 cm)	17" (43.2 cm)

* Ambient condition temperature range is 35°-100°F

Latitude Pro Tie-Back Actual SRL-P Arrest Distance (AD):

Table 4 indicates the Actual Arrest Distance (AD) of the Latitude Pro Tie-Back SRL-Ps when anchored directly overhead with 0' Swing Fall4

TABLE 4 - LATITUDE PRO TIE-BACK ACTUAL ARREST DISTANCES - (OVERHEAD USE)

Model #	Ambient	Wet	Hot	Cold
Latitude Pro 7' Tie-Back	22" (55.9 cm)	21" (53.3 cm)	22" (55.9 cm)	23" (58.4 cm)

* Ambient condition temperature range is 35°-100°F

Minimum Required Fall Clearance (MRFC):

MRFCs, as calculated in Table 5, use the greatest Actual Arrest Distance provided when anchored directly overhead with 0' Swing Fall. Clearances indicated in Table 5 do not include any additional allowance for Swing Fall hazards. If a Swing Fall Hazard exists, it must be accounted for in the total MRFC. Refer to Section 10 of this manual for information regarding Swing Fall calculations.

NOTE: A Qualified / Competent Person must determine if MRFCs should be adjusted based upon actual jobsite atmospheric conditions or additional factors!

Fall Clearance: There must be sufficient clearance below the anchorage connector to arrest a fall before the user strikes the ground or an obstruction. Figure 1 illustrates a typical Fall Clearance calculation using a Maximum Allowed Arrest Distance of 42". Fall Clearance calculations may vary dependent upon the SRL being used. It is essential that the correct Arrest Distance is used to determine Minimum Required Fall Clearance. **Table 5 indicates the MRFCs calculated per the Maximum Allowed Arrest Distance of 42".**

FIGURE 1 - CALCULATE MINIMUM REQUIRED FALL CLEARANCE (OVERHEAD USE)

Latitude / Latitude Pro Tie-Back SRL-P Minimum Required Fall Clearance (Overhead Use)		
A	24" (61 cm)	Maximum Allowed Free Fall
B	42" (107 cm)	Maximum Allowed Arrest Distance
C	24" (61 cm)	Safewaze Safety Factor
D	7' 6" (2.3 m)	Sub-Total for Minimum Required Fall Clearance
E	0	*Additional Fall Clearance for Swing Fall (If swing fall hazard exists refer to Table 6)
F	7' 6" (2.3 m)	Total Fall Clearance Required

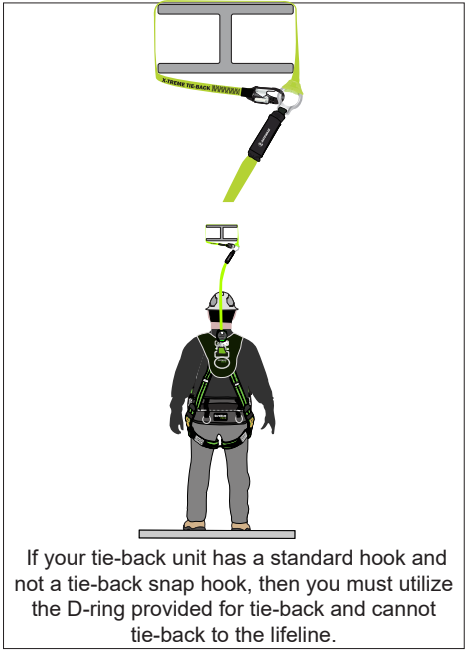
TABLE 5 - ABOVE D-RING MINIMUM REQUIRED FALL CLEARANCE BASED ON MAX ARREST DISTANCE OF 42"

		Lateral Offset Distance (Y) In Feet												
		0	1	2	3	4	5	6	7	8	9	10	11	12
SRL-P Anchorage Height Above Dorsal D-ring (X) In Feet	12	7' 6" (2.3 m)	7' 6" (2.3 m)	7' 6" (2.3 m)	8' 3" (2.5 m)	8' 6" (2.7 m)	9' (2.7 m)	9' 3" (2.8 m)	9' 6" (2.9 m)	9' 9" (3.0 m)	11' 3" (3.4 m)	12' (3.7 m)	12' 9" (3.9 m)	13' 3" (4.0 m)
	11	7' 6" (2.3 m)	7' 6" (2.3 m)	8' 3" (2.5 m)	8' 3" (2.5 m)	8' 6" (2.7 m)	9' (2.7 m)	9' 6" (2.9 m)	10' 3" (3.1 m)	11' 3" (3.4 m)	11' 6" (3.5 m)	12' 6" (3.8 m)	13' (3.9 m)	13' 6" (4.1 m)
	10	7' 6" (2.3 m)	7' 6" (2.3 m)	8' 3" (2.5 m)	8' 3" (2.5 m)	8' 6" (2.7 m)	9' (2.8 m)	9' 3" (3 m)	10' 9" (3.3 m)	11' 6" (3.5 m)	12' (3.7 m)	12' 9" (3.9 m)	13' 3" (4.0 m)	14' (4.2 m)
	9	7' 6" (2.3 m)	7' 6" (2.3 m)	8' 3" (2.5 m)	8' 3" (2.5 m)	8' 9" (2.7 m)	9' 3" (2.8 m)	10' 3" (3.1 m)	11' 3" (3.4 m)	11' 9" (3.6 m)	12' 3" (3.7 m)	13' 3" (4.0 m)	14' (4.2 m)	14' 9" (4.5 m)
	8	7' 6" (2.3 m)	7' 6" (2.3 m)	8' 3" (2.5 m)	8' 3" (2.5 m)	8' 9" (2.7 m)	9' 6" (3 m)	10' 6" (3.2 m)	11' 3" (3.4 m)	11' 9" (3.6 m)	12' 3" (3.7 m)	13' 3" (4.0 m)	14' 3" (4.3 m)	15' (4.6 m)
	7	7' 6" (2.3 m)	7' 6" (2.3 m)	8' 3" (2.5 m)	8' 3" (2.5 m)	9' (2.7 m)	9' 6" (3 m)	10' 9" (3.3 m)	11' 6" (3.5 m)	12' (3.7 m)	12' 9" (3.9 m)	13' 6" (4.1 m)	14' 3" (4.3 m)	15' 9" (4.8 m)
	6	7' 6" (2.3 m)	7' 6" (2.3 m)	8' 3" (2.5 m)	8' 6" (2.6 m)	9' (2.7 m)	9' 9" (3 m)	10' 9" (3.3 m)	11' 6" (3.5 m)	12' 3" (3.7 m)	13' 3" (4.0 m)	14' 3" (4.3 m)	15' 3" (4.6 m)	16' 3" (4.9 m)
	5	7' 6" (2.3 m)	7' 6" (2.3 m)	8' 3" (2.5 m)	8' 6" (2.6 m)	9' 3" (2.8 m)	10' 3" (3.1 m)	11' 3" (3.4 m)	11' 9" (3.6 m)	12' 3" (3.7 m)	13' 3" (4.0 m)	14' 3" (4.3 m)	15' 3" (4.6 m)	16' 3" (4.9 m)
	4	7' 6" (2.3 m)	7' 6" (2.3 m)	8' 3" (2.5 m)	8' 6" (2.6 m)	9' 3" (2.8 m)	10' 3" (3.1 m)	11' 3" (3.4 m)	11' 9" (3.6 m)	12' 6" (3.8 m)	13' 6" (4.1 m)	14' 3" (4.3 m)	15' 3" (4.6 m)	16' 3" (4.9 m)
	3	7' 6" (2.3 m)	7' 6" (2.3 m)	8' 3" (2.5 m)	8' 6" (2.6 m)	9' 6" (3.0 m)	10' 6" (3.2 m)	11' 6" (3.5 m)	12' (3.7 m)	13' (3.9 m)	13' 6" (4.1 m)	14' 6" (4.4 m)	15' 6" (4.7 m)	16' 6" (5.0 m)
	2	7' 6" (2.3 m)	8' (2.4 m)	8' 3" (2.5 m)	8' 6" (2.6 m)	9' 6" (3.0 m)	10' 6" (3.2 m)	11' 6" (3.5 m)	12' 6" (3.8 m)	13' 6" (4.1 m)	14' 6" (4.4 m)	15' 6" (4.7 m)	16' 6" (5.0 m)	17' 6" (5.3 m)
	1	7' 6" (2.3 m)	8' (2.4 m)	8' 6" (2.6 m)	9' 6" (3 m)	10' 6" (3.2 m)	11' 6" (3.5 m)	12' 6" (3.8 m)	13' 6" (4.1 m)	14' 6" (4.4 m)	15' 6" (4.7 m)	16' 6" (5.0 m)	17' 6" (5.3 m)	18' 6" (5.6 m)
	0	7' 6" (2.3 m)	8' 6" (2.6 m)	9' 6" (3 m)	10' 6" (3.2 m)	11' 6" (3.5 m)	12' 6" (3.8 m)	13' 6" (4.1 m)	14' 6" (4.4 m)	15' 6" (4.7 m)	16' 6" (5.0 m)	17' 6" (5.3 m)	18' 6" (5.6 m)	19' 6" (5.9 m)
		Minimum Required Fall Clearance (Z) In Feet												

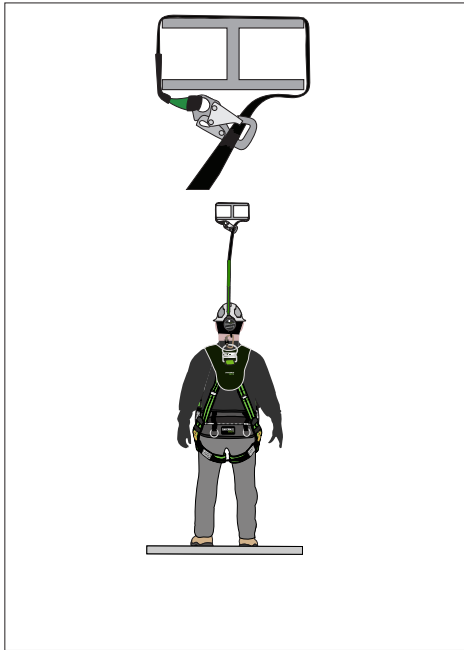
FIGURE 2 - TIE-BACK SRL OPERATION

Figure 2 illustrates the typical Latitude/Latitude Pro Tie-Back SRL-P anchorages and connections. Select an anchorage location with minimal free fall and swing fall hazards. Select a rigid anchorage point capable of sustaining static loads as defined in Section 6. See diagrams below for examples.

Latitude Tie-Back Connection Example



Latitude Pro Tie-Back Connection Example



WARNING: Latitude / Latitude Pro Tie-Back SRL-Ps **ARE NOT** designed for, and should **NEVER** be used in an environment where a Leading Edge Hazard exists. If work involves a Leading Edge hazard, a Class 2 SRL must be used.

The Latitude/Latitude Pro Tie-Back SRL-Ps are designed and tested for use below the Dorsal D-ring when fully or partially tied back. The user must account for additional clearance requirements when the anchor point is located below the Dorsal D-ring. Be sure to factor in the circumference of the anchor you are tying back to when calculating your fall clearance requirements.

Latitude 6' Tie-Back SRL-P

FIGURE 3 - LATITUDE TIE-BACK SRL- P (FREE FALL DISTANCE)

Latitude Tie-Back SRL-Ps may be anchored up to 5' (1.5 m) below the user's Dorsal D-ring when fully tied back and can accommodate a circumference of 36". The graphics illustrated in Figure 3 indicate the Free Fall distance(s) associated with above and below D-ring use. Free Fall distances are based on the anchorage distance above or below the Dorsal D-ring and the circumference of the anchorage to which the SRL is attached.

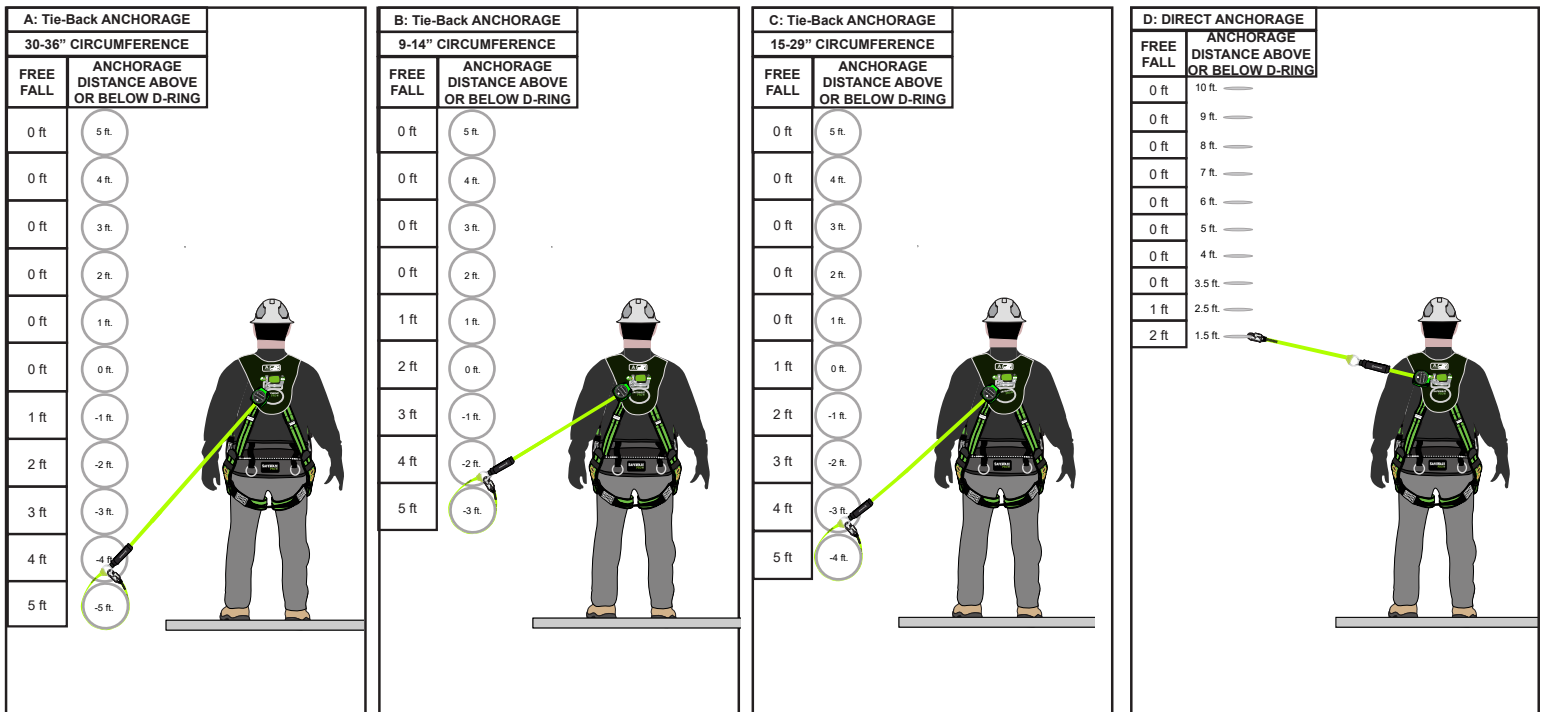
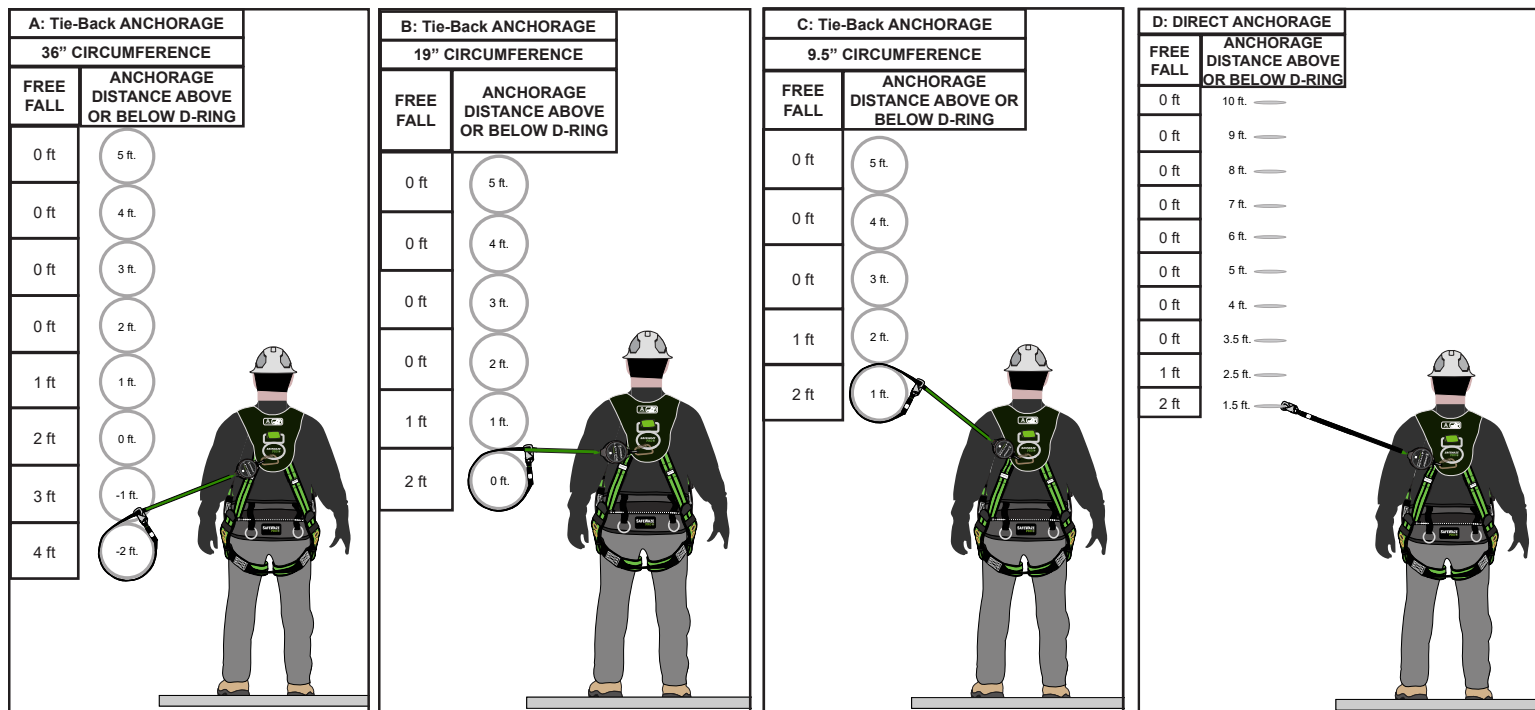


FIGURE 4 - LATITUDE PRO TIE-BACK SRL- P (FREE FALL DISTANCE)

Latitude Pro Tie-Back SRL-Ps may be anchored up to 2' (.61 m) below the user's Dorsal D-ring when fully tied back and can accommodate circumferences from 9.5" to 36". The graphics illustrated in Figure 4 indicate the Free Fall distance(s) associated with above and below D-ring use. Free Fall distances are based on the anchorage distance above or below the D-ring, and the circumference of the anchorage to which the SRL is attached.



IMPORTANT: Do not allow the lifelines to pass under arms or between legs.

10.0 SWING FALLS

An anchorage point located in a position that is not directly over the user's fall location results in a Swing Fall (Figure 5). Swing falls may result in the user striking an object with enough force to cause serious injury. Greater clearance is needed to ensure safety during a swing fall as vertical fall distance will be greater than a fall originating directly below the anchorage point. For help determining additional required fall clearance due to Swing Fall see Table 6.

FIGURE 5 - SWING FALLS

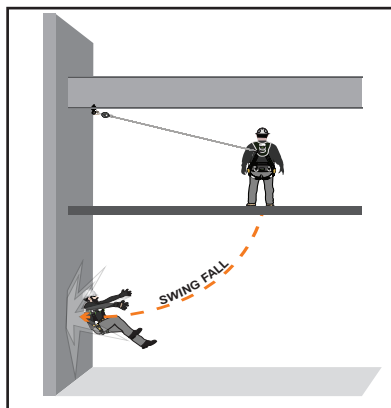


TABLE 6 - ADDITIONAL FALL CLEARANCE FOR SWING FALL HAZARDS (OVERHEAD USE)



Using Table 6:

Table 6 provides the ability for the user to determine additional fall clearance requirements if a Swing Fall Hazard is present when using a Latitude / Latitude Pro SRL-P in an overhead application. The Y-Axis represents the height the SRL is anchored above the user's Dorsal D-ring. The X-Axis represents lateral movement of the worker in relation to the SRL.

Example - Latitude / Latitude Pro Tie-Back SRL-P Anchored Overhead: This example represents the user anchored 6' Overhead (Up along the Y Axis) and 5' Laterally (Along the X Axis). The intersection of these distances on the chart indicate an additional 27" of fall clearance is required. This additional required fall clearance must be added to total fall clearance calculations.



WARNING: The risk of striking an object or obstruction is dramatically increased in the event of a swing fall. Failure to comply with this warning may result in serious injury or death.

11.0 FALL PROTECTION AND RESCUE PLAN

When using this equipment, employers must create and maintain a Fall Protection and Rescue Plan and provide the means to implement those plans. The plans must be communicated to equipment users, authorized persons, and rescuers. These plans must meet ANSI Z359.2 “Minimum Requirements for a Comprehensive Managed Fall Protection Program.” They should include the requirements and guidelines for the employer’s managed Fall Protection Program. This would include eliminating and controlling fall hazards, duties and training, policies, fall protection procedures, rescue procedures, incident investigations, and evaluation of the program’s effectiveness.

12.0 NORMAL OPERATIONS

During normal operations, the lifeline constituent of the SRL will extend and retract freely with no slack or hesitation as the worker moves at normal speeds. In the event of a fall, Safewaze SRLs are equipped with a speed sensing braking system. The braking system will activate, stopping the fall, and absorb much of the energy created by the fall. Due to the speed sensing braking system, user(s) should avoid quick or sudden movements, as this may cause the SRL to inadvertently lock. If the user is performing operations near the end of the working length of the SRL, a reserve line is incorporated within the SRL to reduce fall arrest forces.

13.0 COMPATIBILITY OF COMPONENTS

Safewaze Fall Protection Equipment is designed for use with Safewaze components and subsystems only. A Qualified Person should make the determination of Safewaze equipment compatibility with equipment not manufactured by Safewaze. Replacement or substitution of equipment not manufactured by Safewaze, may degrade, or reduce the safety and reliability of the complete system.



IMPORTANT: Read and follow manufacturer’s instructions for associated components and subsystems in your personal fall arrest system.

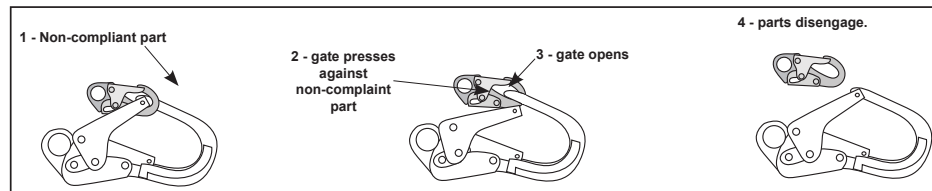
14.0 COMPATIBILITY OF CONNECTORS

Connectors are 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. Connectors (hooks, carabiners, and D-rings) must be capable of supporting at least 5,000 lbs. (2267.9 kg). Connectors must be compatible with the anchorage or other system components (Figure 6). 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 and OSHA guidelines. Contact Safewaze if you have any questions about compatibility.



NOTE: SOME SPECIALTY CONNECTORS HAVE ADDITIONAL REQUIREMENTS. CONTACT SAFEWAZE WITH QUESTIONS.

FIGURE 6 - UNINTENTIONAL DISENGAGEMENT



Using a connector that is undersized or irregular in shape (1) to connect a snap hook or carabiner could allow the connector to force open the gate of the snap hook or carabiner. When force is applied, the gate of the hook or carabiner presses against the non-compliant part (2) and forces open the gate (3). This allows the snap hook or carabiner to disengage (4) from the connection point.

14.1 MAKING CONNECTIONS

Snap hooks and carabiners used with this equipment must be double locking and/or twist lock. Ensure all connections are compatible in size, shape and strength. Do not use equipment that is not compatible. Ensure all connectors are fully closed and locked.

Safewaze connectors (snap hooks and carabiners) are designed to be used only as specified in each product’s user’s instructions. See Figure 7 for examples of inappropriate connections. Do not connect snap hooks and carabiners:

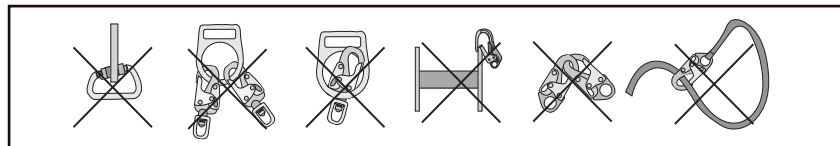
- To a D-ring to which another connector is attached.
- In a manner that would result in a load on the gate (with the exception of Tie-Back hooks). NOTE: Large snap hooks must not be connected to objects which will result in a load on the gate if the hook twists or rotates, unless the snap hook complies with ANSI Z359.12 and is equipped with a 3,600 lbs. (1632.9 kg) gate. Check the marking on your snap hook to verify its compatibility.
- 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.
- To each other.
- By wrapping the lifeline around an anchor and securing to lifeline except as allowed for Tie-Back models.
- To any object which is shaped or sized in a way that the snap hook or carabiner will not close and lock, or that roll-out could occur.
- In a manner that does not allow the connector to align properly while under load.

Only a Full Body Harness (FBH) may be used with this equipment. The Full Body Harness must connect to the SRL via the Dorsal D-ring. Safewaze SRLs are not rated for use with a body belt. Use of Safewaze SRLs with a body belt may result in injury. Figure 2 illustrates typical connection of Safewaze SRLs to the Dorsal D-ring of the Full Body Harness.



NOTE: Large throat snap hooks must not be connected to standard size D-rings or similar objects which will result in a load on the gate if the hook or D-ring twists or rotates, unless the snap hook complies with ANSI Z359.12 and is equipped with a 3,600 lbs. (1632.9 kg) gate. Check the marking on your snap hook to verify that it is appropriate for your application.

FIGURE 7 - INAPPROPRIATE CONNECTIONS



15.0 USE



WARNING: If substitutions or replacements are made to the system, ensure all components meet the applicable ANSI requirements. Read and follow manufacturer's instructions for all components and subsystems in your personal fall arrest system. Not following this guidance may jeopardize compatibility of equipment, and possibly affect the safety and reliability of the overall system.



WARNING: Consult your doctor if there is reason to doubt your fitness to safely absorb the shock from a fall arrest. Age and fitness seriously affect a worker's ability to withstand falls. Pregnant women or minors must not use Safewaze SRLs. Failure to heed this warning may result in serious injury or death.

15.1 OPERATION

Inspect the SRL as described in Section 17, before using the equipment. Mount the SRL to an approved anchor point. Ensure connections are compatible in size, shape, and strength. Ensure hooks are fully closed and locked. When the worker is fully attached, the worker is then free to move about within the recommended working area. If a fall occurs, the SRL will lock and arrest the fall. Upon rescue, remove the SRL from use. When working with an SRL, always allow the lifeline to retract back into the device in a controlled manner. Do not release the unit to "free-spin" back into itself.



WARNING: Do not tie or knot the lifeline. Avoid lifeline contact with sharp or abrasive surfaces. Inspect the lifeline frequently for cuts, fraying, burns, or signs of chemical damage. Dirt, contaminants, and water can lower performance of the lifeline. Use caution near power lines. Failure to comply with this warning may result in serious injury, or death.

15.2 AFTER A FALL

Following a fall arrest event, the Latitude/Latitude Pro SRL-P must be immediately removed from service following rescue of the worker and tagged "Unusable." If any component of the users PFAS indicates damage, it must be IMMEDIATELY removed from service and destroyed, or contact Safewaze for repair services.

15.3 BODY SUPPORT

A full body harness must be worn when using Safewaze SRLs.

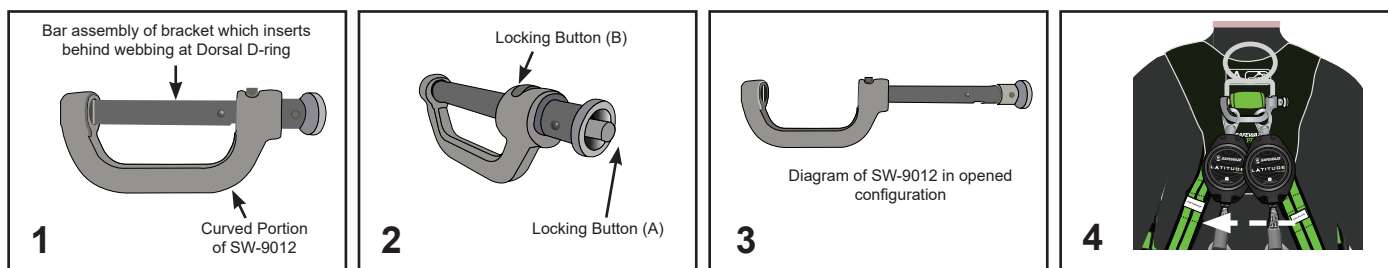
15.4 SYSTEM CONNECTIONS

When using a snap hook to make a connection, ensure roll-out cannot occur. Do not use snap hooks or carabiners that will not completely close over the anchor point. This includes traditional overhead anchor point tie-off, housing attachment to dorsal D-ring, and 100% tie-off. Follow the manufacturer's instructions supplied with each system component. Certain dual leg configurations of the Latitude / Latitude Pro Tie-Back SRL-Ps are available with a Behind the Web Bracket (BWB). Figure 8-10 illustrate installation of Behind the Web Brackets available for Latitude / Latitude Pro Tie-Back SRL-Ps.



WARNING: Never connect the snap hook of one SRL to the lifeline of another SRL or lanyard. Failure to comply with this warning may result in equipment malfunction, serious injury or death.

FIGURE 8 - SW-9012 BWB INSTALLATION

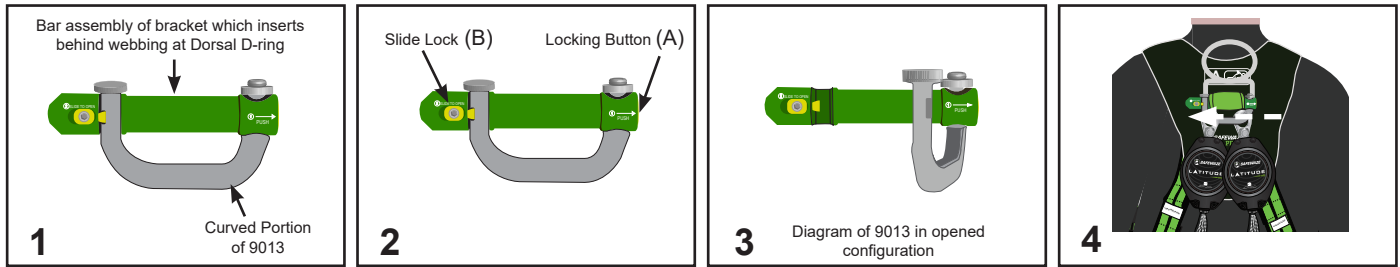


The SW-9012 Behind the Web Bracket (BWB) comes fully assembled and ready for installation. No tools are required for installation of the BWB onto a Full Body Harness (FBH). Use the following instructions and Figure 8 to install the 9012 BWB.

Connect To Harness:

1. Ensure that the curved portion of BWB is in a downward orientation relative to the harness (Step 1).
2. Simultaneously depress both locking buttons (A) and (B) and slide the bracket open as indicated (Steps 2 and 3)
3. With the bracket open, position the bar assembly in an orientation that will allow the bar to slide under/behind both web loops at the Dorsal D-ring of the FBH.
4. While pressing in on locking button (A) slide the bar behind both loops of webbing at Dorsal D-ring until the bar locks back into place (Step 4).
5. Check the locking function of the bracket by attempting to slide the bracket open WITHOUT depressing locking buttons (A) or (B). Bracket bar should not move and the bracket is now locked into place.

FIGURE 9 - 9013 BWB INSTALLATION

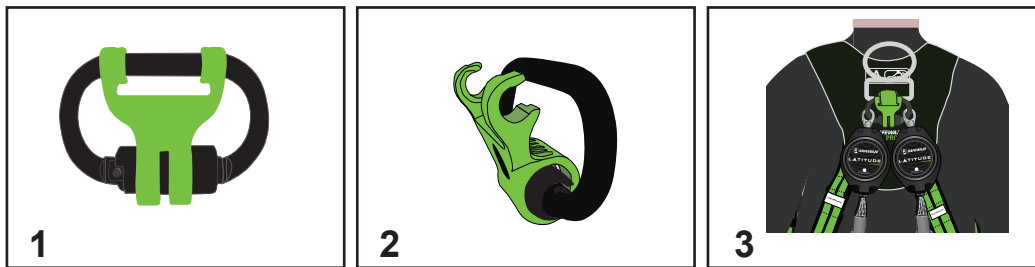


The 9013 brackets comes fully assembled and ready for installation. No tools are required for installation of the bracket onto harness. Use the following instructions and Figure 9 to install the 9013 Behind the Web Bracket.

Connect To Harness:

1. Ensure that the curved portion of 9013 is in a downward orientation relative to the harness (Step 1).
2. Simultaneously depress both locking button (A) and slide lock (B) (Step 2) to swing the bracket open as indicated (Step 3).
3. With the bracket open, install dual leg retractables onto the bracket via the swivel tops of each. Swivels should be hanging on the curved portion of bracket.
4. Slide the bar behind both loops of webbing at dorsal D-ring (Step 4). Swing the bracket closed until it locks into place.
5. Check the locking function of the bracket by attempting to swing the bracket open WITHOUT depressing locking button (A) or slide lock (B). Bracket bar should not move and the bracket is now locked into place.
6. Dual leg retractables can be easily installed and removed from bracket by once again depressing both locking button (A) and slide lock (B), which allows bracket to swing open without complete removal from harness.

FIGURE 10 - FS1014-TL-BLACK-BWB INSTALLATION



The behind the web bracket comes fully assembled and ready for installation. No tools are required for installation of the bracket onto harness. Use the following instructions and Figure 10 to install the bracket:

Connect to Harness:

1. Unfasten the two small brackets on the green retractable spacer off of the carabiner.
2. Slide the green spacer around to the side of carabiner to allow opening of the carabiner gate.
3. Open the carabiner gate and slide spacer off of carabiner and remove one of the retractables.
4. Holding gate open on carabiner, insert the open end of carabiner through the webbing loops at the Dorsal D-ring of the harness. Ensure that both loops of webbing on are captured inside of carabiner.
5. With carabiner gate still open, slide the removed retractable and green spacer back onto carabiner and allow carabiner gate to close.
6. Slide the green retractable spacer back over the gate of carabiner and snap the two small brackets back into place on carabiner, with the web loops positioned between the ends of the bracket.

15.5 ANCHORAGE

Select an anchorage location with minimal free fall and swing fall hazards. Select a rigid anchorage point capable of sustaining static loads as defined in Section 6. Where anchoring overhead is not feasible, the user must ensure the SRL is installed in a manner that does not exceed it's Maximum Below D-ring use distance.

16.0 MAINTENANCE, SERVICE, AND STORAGE

16.1 MAINTENANCE

Cleaning procedures for Safewaze SRLs:

Periodically clean the exterior of the SRL using water and a mild soap solution. Clean labels to maintain readability.

An excessive buildup of debris on the web lifeline of the SRL may prevent the lifeline from fully retracting back into the housing. Improper retraction of the lifeline constituent of the SRL could create a potential free fall hazard.

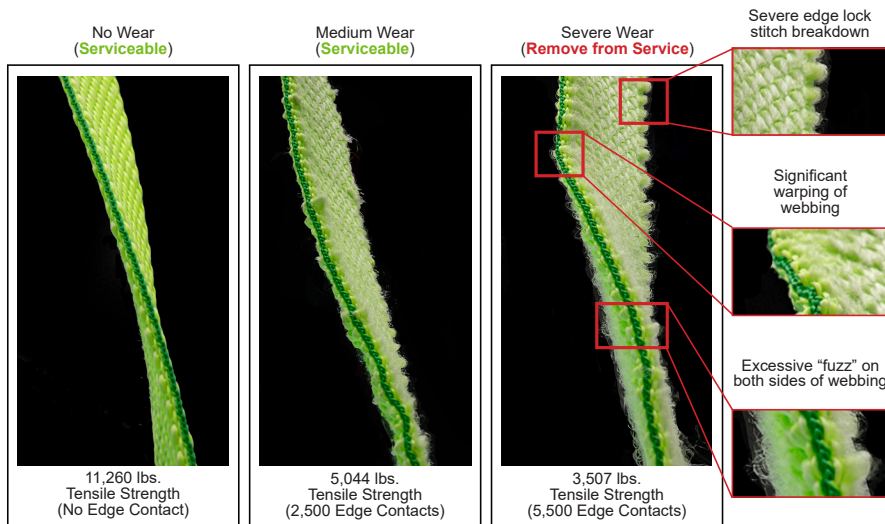
Clean web with a mild soap solution and water. Allow web to fully air dry prior to retraction back into the SRL housing. **DO NOT USE HEAT TO DRY WEBBING.**

Latitude Tie-Back SRL-Ps are equipped with a replaceable Tie-Back Sling. This feature allows the user to replace the Tie-Back portion of webbing in the event it becomes severely worn (Figure 11). To replace the Tie-Back Sling after removal of the worn/damaged sling, pass the soft loop end of the new Tie-Back Sling through the steel D-ring (Step 1). Feed the aluminum snap hook through the soft loop (Step 2). Continue to thread the remainder of the webbing through the soft loop (Step 3). Once all remaining webbing is pulled through the soft loop, tighten and secure the soft loop to the steel D-ring (Step 4).

FIGURE 11 - LATITUDE TIE-BACK SRL-P SLING (REPLACEMENT)



FIGURE 12 - LATITUDE TIE-BACK SRL-P SLING (WEAR INSPECTION CRITERIA)



WARNING: Edge contact testing was conducted in a laboratory environment. Contact with severely abrasive or sharp edges may require more frequent inspection of the tie-back sling.



IMPORTANT: If the lifeline comes in contact with acids or other caustic chemicals, remove the SRL from service and wash with water and a mild soap solution. Inspect the SRL (using the Inspection Form on Page 15) before returning to service.

16.2 SERVICE

Only Safewaze or entities authorized in writing by Safewaze, shall make repairs to this equipment. Remove the SRL from use if the SRL has been subjected to fall arrest forces or has been used to assist in a rescue. If unrepairable, dispose of the SRL as recommended in Section 17. For questions regarding disposal, service, or repair of Safewaze SRLs, contact Safewaze at (800) 230-0319.

16.3 STORAGE

Store Safewaze SRLs in a cool, dry, clean environment out of direct sunlight. Avoid areas where chemical vapors may exist. Thoroughly inspect the SRL after any period of extended storage.

17.0 INSPECTION

17.1 FREQUENCY

Either the Authorized Person¹ (User) or the Rescuer² must inspect this equipment prior to each use. The Inspection Schedule (Table 7), should be used to determine proper inspection frequency. The Inspection Form (Page 15) describes proper inspection procedures. The Competent Person should record inspection results in the Inspection Form and retain a copy for records. (NOTE: User is advised to make copies of the Inspection Form on (Page 15) of this manual prior to filling out the form for the first time). Copies of the Inspection Form can be used for later Inspections. Annual inspections by a Competent Person other than the user must be documented in the inspection log (Page 16).

- 1. Authorized Person:** A person assigned by the employer to perform duties at a location where such person will be exposed to a fall hazard.
- 2. Rescuer:** Person or persons other than the rescue subject acting to perform an assisted rescue by operation of a rescue system.



NOTE: Special rescue measures may be required for a fall over an edge.

TABLE 7 - INSPECTION SCHEDULE

Type of Use	Application Examples	Conditions of Use	Inspection Frequency Competent Person
Infrequent to Light	Rescue and Confined Space, Factory Maintenance	Good Storage Conditions, Indoor or Infrequent Outdoor Use, Room Temperature, Clean Environments	Annually
Moderate to Heavy	Transportation, Residential Construction, Utilities, Warehouse	Fair Storage Conditions, Indoor and Extended Outdoor Use, All Temperatures, Clean or Dusty Environments	Semi-Annually to Annually
Severe to Continuous	Commercial Construction, Oil and Gas, Mining	Harsh Storage Conditions, Prolonged or Continuous Outdoor Use, All Temperatures, Dirty Environment	Quarterly to Semi-Annually

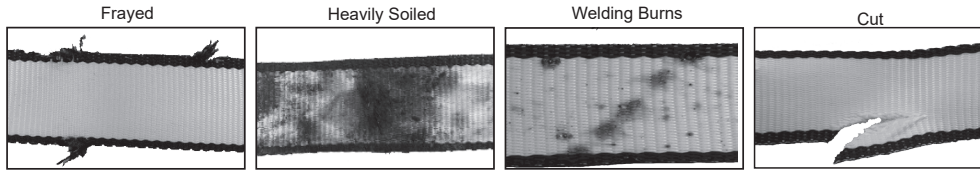
17.2 PRIOR TO EACH USE

Before each use ensure that the equipment is in good working condition. Inspect the unit to ensure it has not been damaged and that the unit pays out and retracts properly. Prior to each use, the braking system must be inspected. Grasp the body of the unit in one hand and the web lifeline in the other. With a quick, jerking motion, pull down on the web. The brake should engage, stopping movement almost immediately. Inspect the SRL (using the Inspection Form on Page 15) and ensure that all connection hardware is working properly. Brake failure or unsatisfactory results during any portion of the inspection requires immediate removal of the SRL from service. Figure 15 in this manual points out key inspection areas of the Latitude / Latitude Pro Tie-Back SRL-PS.

17.3 UNSAFE OR DEFECTIVE CONDITIONS

Figure 13 shows examples of equipment damage. Equipment inspectors must be trained to look for damage as illustrated, as well as other damage that may occur. If inspection reveals an unsafe or defective condition remove the SRL from service.

FIGURE 13 - EXAMPLES OF EQUIPMENT DAMAGE



Safewaze Latitude / Latitude Pro Tie-Back SRL-PS must be inspected at the intervals as indicated in Table 7 of this manual. Inspection procedures are illustrated in the "Inspection Form" (Page 15). The replaceable Tie-Back Sling should be inspected per the criteria illustrated in Figure 12. If in doubt about serviceability of Tie-Back Sling, **INSTALL NEW REPLACEMENT!** Figure 11 of this manual illustrates proper steps for Tie-Back Sling replacement.

17.4 PRODUCT LIFE

The working life of Safewaze SRLs are determined by work conditions, care, maintenance, and proper inspections. As long as the SRL passes inspection, it may remain in service.

17.5 DISPOSAL

Dispose of the Safewaze SRL if it has been damaged by fall arrest forces or inspection reveals an unsafe or defective condition that cannot be repaired by an authorized Safewaze Service Center. Before disposing of the SRL, cut the lifeline in half so that it is not mistakenly reused. For questions regarding disposal, service, or repair of Safewaze SRLs, contact Safewaze at (800) 230-0319.

18.0 LABELING

FIGURE 14 - LABELING

Latitude 6' Tie-Back

WARNING
DO NOT ATTEMPT TO SERVICE OR REPAIR THIS UNIT. CONTACT SAFEWAZE FOR SERVICE OR REPAIR INFORMATION. Device must be inspected prior to each use. Connection of this device to a full body harness is to be made to the dorsal D-ring only. User must ensure that any connection to anchorage is properly secured prior to use. Make only compatible connections. Duct connections shall only be used for 100% tie-off transitions. Refer to instruction manual for minimum anchorage strength requirements. Not approved for leading edge applications, anchor at or above D-ring only. Fall clearance must be calculated by a competent person prior to use. Avoid using fall lifelines by working directly under anchorage. Avoid contact with sharp surfaces or abrasive edges. Avoid chemical, thermal and/or electrical hazards. This product is suitable for use horizontally and with horizontal lifelines. Adhere to the hierarchy of controls in 29 CFR 1910.132.
USER MUST READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS INCLUDED WITH THIS EQUIPMENT. DO NOT REMOVE LABEL.

INSPECTION LOG
 Do Not Remove Label
 J F M A M J J A S O N D
 470-00155

Standard	OSHA 1910.140 & OSHA 1910.66	Standard	OSHA 1910.140 & OSHA 1910.66
Max Arrest Force	≤ 1800 lbs. (816.47 kg)	Max Arrest Force	≤ 1800 lbs. (816.47 kg)
Average Arrest Force	≤ 900 lbs. (408.23 kg)	Average Arrest Force	≤ 900 lbs. (408.23 kg)
Max Arrest Distance	"See product manual"	Max Arrest Distance	"See product manual"
Actual Arrest Distance (Use Below D-Ring)	"See product manual"	Actual Arrest Distance (Use Below D-Ring)	"See product manual"
Max Free Fall Distance	"See product manual"	Max Free Fall Distance	"See product manual"

LOAD INDICATOR
 FALL
 9100-0217

Latitude Pro 7' Tie-Back

WARNING
DO NOT ATTEMPT TO SERVICE OR REPAIR THIS UNIT. CONTACT SAFEWAZE FOR SERVICE OR REPAIR INFORMATION. Device must be inspected prior to each use. Connection of this device to a full body harness is to be made to the dorsal D-ring only. User must ensure that any connection to anchorage is properly secured prior to use. Make only compatible connections. Duct connections shall only be used for 100% tie-off transitions. Refer to instruction manual for minimum anchorage strength requirements. Not approved for leading edge applications, anchor at or above D-ring only. Fall clearance must be calculated by a competent person prior to use. Avoid using fall lifelines by working directly under anchorage. Avoid contact with sharp surfaces or abrasive edges. Avoid chemical, thermal and/or electrical hazards. This product is suitable for use horizontally and with horizontal lifelines. Adhere to the hierarchy of controls in 29 CFR 1910.132.
USER MUST READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS INCLUDED WITH THIS EQUIPMENT. DO NOT REMOVE LABEL.

INSPECTION LOG
 Do Not Remove Label
 J F M A M J J A S O N D
 470-00155

Standard	OSHA 1910.140 & OSHA 1910.66	Standard	OSHA 1910.140 & OSHA 1910.66
Max Arrest Force	≤ 1800 lbs. (816.47 kg)	Max Arrest Force	≤ 1800 lbs. (816.47 kg)
Average Arrest Force	≤ 900 lbs. (408.23 kg)	Average Arrest Force	≤ 900 lbs. (408.23 kg)
Max Arrest Distance	"See product manual"	Max Arrest Distance	"See product manual"
Actual Arrest Distance (Use Below D-Ring)	"See product manual"	Actual Arrest Distance (Use Below D-Ring)	"See product manual"
Max Free Fall Distance	"See product manual"	Max Free Fall Distance	"See product manual"

LOAD INDICATOR
 FALL
 9100-0217

Manufacturer: _____
 Model Number: _____
 Description: _____
 Serial Number: _____
 Lot Number: _____
 Date of Manufacture: _____

Company: _____
 Name of Inspector: _____
 Signature: _____
 Date of Inspection: _____
 In-Service Date: _____
 Lifeline Material: Galvanized Steel Stainless Steel Web

LABELS & MARKINGS

PASS **FAIL** **NOTE**

	PASS	FAIL	NOTE
Label (Intact and Legible)			
Appropriate ANSI / OSHA / CSA Markings			
Inspections are Current / Up-to-Date			
Date of First Use			

SHOCK PACK (IF PRESENT)

PASS **FAIL** **NOTE**

	PASS	FAIL	NOTE
Cover / Shrink Tube (Don't Cut or Remove)			
Damage / Fraying / Broken Stitching			
Impact Indicator (Signs of Deployment)			

HOUSING

PASS **FAIL** **NOTE**

	PASS	FAIL	NOTE
Attachment Point			
Nuts / Bolts / Rivets / Screws			
Evidence of Damage (Dents / Cracks / Rust)			

LIFELINE (WEB OR CABLE)

PASS **FAIL** **NOTE**

	PASS	FAIL	NOTE
Termination (Stitch, Splice, or Swage)			
Cuts / Fraying / Broken Stitching			
Excessive Wear			
Cable Separating / Bird-Caging			
Entire Length Retracts Smoothly			
Test Braking / Locking Function			

CONNECTORS

PASS **FAIL** **NOTE**

	PASS	FAIL	NOTE
Connector (Self-Closing & Locking)			
Impact Indicator			
Hook Body / Rivets			
Corrosion			
Pitting / Nicks			

SELF-RETRACTING DEVICES



NOTES

FIGURE 15 - INSPECTION DIAGRAMS



SAFEWAZE **INSPECTION LOG**
ANNUAL FORM

Inspection Date:	Inspector:	Pass/Fail: ▲ ▼	Comments/ Corrective Action:
		<div style="display: flex; justify-content: space-around;"> <div style="width: 20px; height: 20px; background-color: #90EE90; border: 1px solid black;"></div> <div style="width: 20px; height: 20px; background-color: #FF8C00; border: 1px solid black;"></div> </div>	
		<div style="display: flex; justify-content: space-around;"> <div style="width: 20px; height: 20px; background-color: #90EE90; border: 1px solid black;"></div> <div style="width: 20px; height: 20px; background-color: #FF8C00; border: 1px solid black;"></div> </div>	
		<div style="display: flex; justify-content: space-around;"> <div style="width: 20px; height: 20px; background-color: #90EE90; border: 1px solid black;"></div> <div style="width: 20px; height: 20px; background-color: #FF8C00; border: 1px solid black;"></div> </div>	
		<div style="display: flex; justify-content: space-around;"> <div style="width: 20px; height: 20px; background-color: #90EE90; border: 1px solid black;"></div> <div style="width: 20px; height: 20px; background-color: #FF8C00; border: 1px solid black;"></div> </div>	