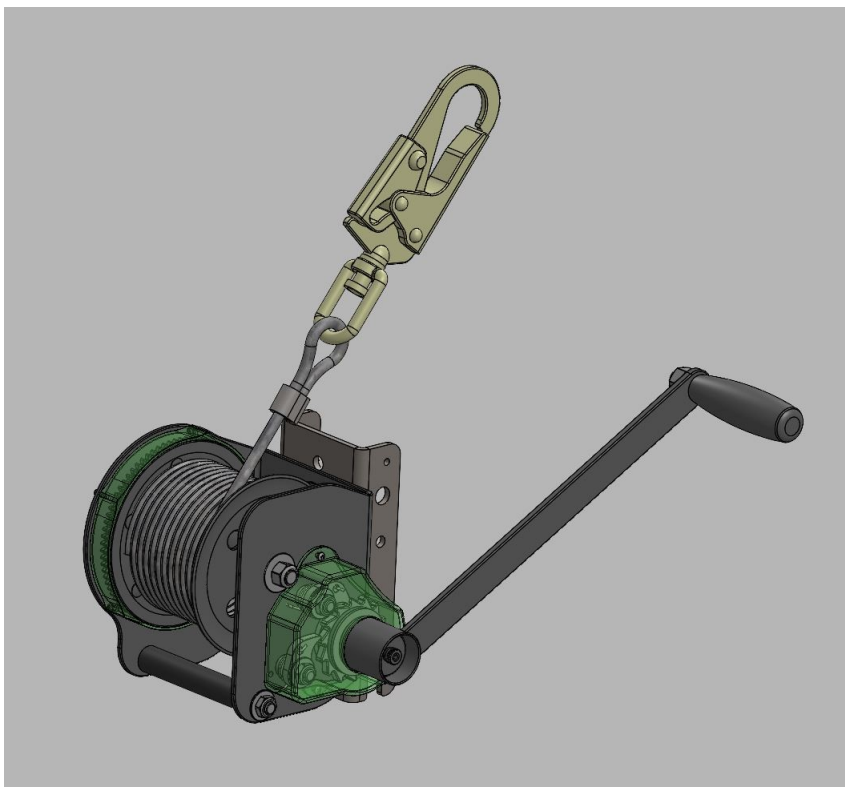




SAFEWAZE

65' Mini Personnel Winch Manual



ANSI	Z359.4-2013, Z117.1-2022
OSHA	1926.502, 1910.66, 1910.140

024-11053	65' Mini Personnel Winch - Cable
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This manual intends to meet the Manufacturer's Instructions specified by the American National Standards Institute (ANSI) and should be utilized as part of an employee training program as required by the Occupational Safety and Health Administration (OSHA).

**Read and understand instructions before using equipment!
Do not throw away instructions!**

**Always verify the latest revision of the Safewaze Manual is being utilized.
Visit the Safewaze website, or contact Customer Service, for updated manuals.**

⚠ IMPORTANT:

- Please refer to this manual for essential instructions on the use, care, or suitability of this equipment for your application. Contact Safewaze for any additional questions.
- Record all important product information prior to use. Documentation of all Competent Person annual inspections is required in the Inspection Log.

▶ USER INFORMATION

Date of First Use: _____

Serial Number: _____

Trainer: _____

User: _____

▶ SAFETY INFORMATION AND PRECAUTIONS

- The manufacturer's instructions must be provided to users of this equipment.
- The user must read, understand, and follow all safety and usage information contained within this manual.
- The user must safely and effectively use the device and all equipment used in conjunction with the product.
- Failure to follow all safety and usage information can result in serious injury or death.

Warnings:

Regulations included herein are not all-inclusive, are for reference only, and are not intended to replace a Competent Person's judgment or knowledge of federal or state standards.

The warnings indicated below are designed to minimize risk associated with the use of the Personnel Winch and associated equipment.

- Users shall consult with their doctor to verify ability to safely absorb the forces of a fall arrest event. Fitness level, age, and other health conditions can greatly affect an individual's ability to withstand fall arrest forces. Women who are pregnant and individuals considered minors must not use any Safewaze equipment.
- Do not alter or misuse equipment. Only Safewaze, or entities authorized in writing by Safewaze, may make repairs to Safewaze fall protection equipment.
- A Competent Person must conduct an analysis of the workplace and anticipate where workers will be conducting their duties, the route they will take to reach their work, and any existing and potential fall hazards.
- A Competent Person must choose the fall protection equipment to be utilized. Selections must account for all potential hazardous workplace conditions. All fall protection equipment shall be purchased in new and unused condition.
- If work is conducted in a high heat environment, ensure that Arc Flash or other suitable fall protection equipment is utilized.
- Use of a body belt is not authorized for fall arrest applications.
- Work directly under the anchor point as much as possible to minimize swing fall hazards.
- The user must ensure that there is adequate fall clearance when working at height.
- Anchors that are exposed to fall arrest forces must be immediately removed from service and destroyed.
- Training of Authorized Persons to correctly install, inspect, disassemble, maintain, store, and use equipment must be provided by a Competent Person. Training must include the ability to recognize fall hazards, minimize the likelihood of fall hazards, and the correct use of personal fall arrest systems.
- If conducting training operations with this equipment, a secondary fall protection system must be installed and utilized to ensure the trainee is not exposed to unintended fall hazards.
- Equipment designated for fall protection must never be used to lift, hang, support, or hoist tools or equipment unless specifically certified for such use.
- Avoid using the Personnel Winch in applications where engulfment hazards exist.
- Avoid moving machinery, sharp and/or abrasive edges, and any other hazard that could damage or degrade the component.
- Utilize extra caution to keep line constituent free from any obstructions including, but not limited to, surrounding objects, tools, equipment, moving machinery, co-workers, yourself, or possible impact from overhead objects.
- Do not exceed maximum allowed number of users on the system or capacity of the system.
- This product's anchorage must be independent from a user's fall protection anchorage.

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► 1.0 INTRODUCTION

Thank you for purchasing a Safewaze Personnel Winch for confined space applications. This product is designed for workers entering, exiting, and working in confined space environments. OSHA defines a confined space as any space that has limited openings for entry and exit, that is large enough for a worker to enter bodily and perform work, and that is not designed for continuous worker occupancy (utility manholes, silos, underground utility vaults, storage containers, pits, pipelines, etc.).

This product can be used for work positioning, personnel riding, material hauling, ladder-climbing protection, rescue, or evacuation with a tripod or anchorage support structure as part of a complete system. When used for raising and lowering people, the device must be used in conjunction with an ANSI/OSHA compliant backup fall arrest system.

This product requires the Universal Tripod Bracket (sold separately as 019-11010).

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.

► 2.0 INTENDED USE

The equipment covered in this manual is intended for use as part of a complete Personal Fall Protection, Rescue, and Material Handling System. Any system used for Material Handling can no longer be used as a fall protection system. Use of this equipment for any other purpose including, but not limited to, sports or recreational activities, non-approved material handling applications, or other action not described in these 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 must only be used by trained personnel in workplace applications.

► 3.0 APPLICABLE SAFETY STANDARDS

When used according to instructions, this product meets **ANSI Z359.4-2013, Z117.1-2022** standards and **OSHA 1926.502, 1910.66, 1910.140** regulations. Applicable standards and regulations depend on the type of work being done and may include state-specific regulations. Refer to local, state, and federal requirements for additional information on the governing of occupational safety regarding Personal Fall Arrest Systems (PFAS).

The system has been tested in compliance with requirements of **ANSI/ASSP Z359.7**. The testing does not extend to the substrate to which the system is attached.

► 4.0 WORKER CLASSIFICATIONS

Read and understand the definitions of those who work in proximity of, or may be exposed to, fall hazards:

Qualified Engineer: A person with a Bachelor of Science in Engineering degree 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: 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: 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: 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 Person or Engineer to supervise the jobsite and ensure safety regulations are met.

5.0 RESCUE PLAN

Prior to the use of this equipment, employers must create a rescue plan in the event of a fall and provide the means to implement the plan through training. The rescue plan must be specific to the project. The rescue plan must allow for employees to rescue themselves or be promptly rescued by alternative means.

This plan must be communicated to/understood by all equipment users, authorized persons, and rescuers. Rescue operations may require specialized equipment beyond the scope of this manual. Every user must be trained in the inspection, installation, operation, and proper usage of their Rescue Equipment and Rescue Plan. See ANSI Z359.4-2013 for specific rescue information. Immediately seek medical attention in the event a worker suffers a fall arrest incident.

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

6.0 PRODUCT LIMITATIONS

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

- **Capacity Range:** 1 User Only; ANSI 130-310 lbs. (59-141 kg) and OSHA up to 420 lbs. (191 kg). *including clothing, tools, equipment, etc.
- **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, or
 3. 3,100 lbs. for Rescue applications.

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

From OSHA 1926.502 and 1910.66: 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, anchorages for attachment shall be designed, installed, and used as part of a complete PFAS 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 a clear fall path to ensure the unit will lock in the event of a fall. Working in obstructed fall paths, cramped areas, or on moving materials like sand and grain, may not allow the user's body to gain enough speed buildup to cause the device to engage and lock in the event of a fall.
- **Free Fall:** The distance a user falls before the fall arrester activates.
- **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.
- **Swing Fall Drop Distance:** The additional clearance added from excess line constituent being paid out when working at a lateral offset from the anchorage.
- **Fall Clearance:** The amount of feet required below the working surface for the personal fall arrest system to work correctly.
- **Hazards:** Extra precautions shall 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 line constituent. Areas where the user's line constituent may cross or tangle with the line constituent of another user shall be avoided. Do not allow the line constituent to pass under arms or between the legs.
- **Sharp Edges:** Avoid sharp edges when using this device.
- Use only the applicable D-ring for intended use.

7.0 PRODUCT SPECIFICATIONS

- **Fall Arrest Connector:** Load-Indicating Swivel Snap Hook
- **Gear Ratio:** 5:1
- **Maximum Operation Force:** 30 lbs. (13.6 kg)
- **System/Maximum Weight Capacity:** ANSI 130-310 lbs. (59-141 kg) and OSHA up to 420 lbs. (191 kg). *including clothing, tools, equipment, etc.
- **Material Hauling Capacity:** Maximum of 420 lbs. (191 kg). If used for Material Handling, the unit can no longer be used as a fall protection system.
- **Maximum Working Length:** 65 ft. (19.8 m)

- **Compatible Components & Part Numbers:**

- » 7' Tripod Kits → 019-11000, 025-11062, 025-11063
- » 10' Tech Tripod Kits → 022-11029, 022-11033, 025-11064, 025-11065
- » Variety of Xtirpa Davit Systems
- » Universal Tripod Bracket → 019-11010
- » Aluminum Tripod Pulley → 020-11025
- » Tripod Pulley → FS970-PK
- » Heavy Duty Duffel Bag → 019-9007
- » Bosun Seat → 020-11019
- » 30" Retrieval Assembly → 020-11020
- » Variety of Harness Configurations → e.g. 024-1611

COMPONENT MATERIALS:	
Housing	Steel
Handle	Steel
Line Constituent	7/32 in. Galvanized Steel
Snap Hook	Plated Steel
Device Bracket	Zinc-Plated Steel

► 8.0 FALL CLEARANCE

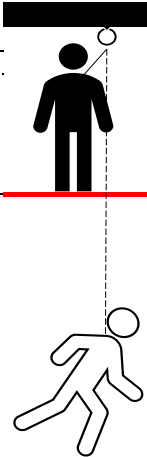
Always select an SRL/lanyard and anchor point location that limits free fall and swing fall as much as possible. Refer to the chosen PFAS system manuals for information on fall clearance. A free fall of more than 6 ft. could cause excessive arrest forces that could result in serious injury or death.

- **Fall Clearance:** There must be sufficient clearance below the anchorage connector to arrest a fall before the user strikes the ground or an obstruction. When calculating fall clearance, account for all applicable factors. A Competent Person must reference the entire system's components to calculate Fall Clearance.

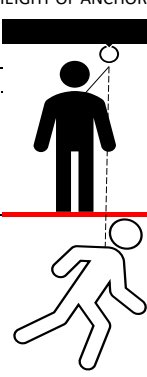
THE FOLLOWING DIAGRAMS ARE EXAMPLES ONLY.

Note: Numbers used in these examples are based on ZERO offset and setback with the anchor directly overhead or below, to represent an in-line Fall Clearance calculation. Consult with a Competent Person when working in different scenarios and when using non-Safewaze equipment.

6' FREE FALL LANYARD (OVERHEAD) EXAMPLE

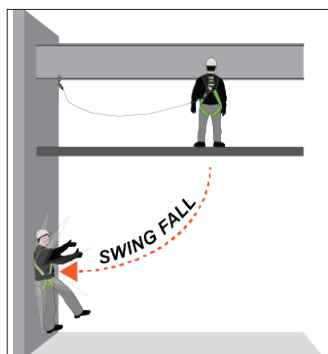
6' HEIGHT OF ANCHOR 				
18.5' REQUIRED CLEARANCE FROM ANCHOR	5' FREE FALL		LANYARD LENGTH	6'
	12.5' REQUIRED CLEARANCE FROM WORKING SURFACE		DECELERATION DISTANCE 48" MAX. PER ANSI Z359.13-2013	4'
			HARNESST STRETCH 18" MAX. PER ANSI Z359.11-2021	1.5'
			HEIGHT OF WORKER WORKING SURFACE TO DORSAL D-RING	5'
			SAFETY FACTOR	2'

CLASS 1/CLASS 2 (OVERHEAD) EXAMPLE

6' HEIGHT OF ANCHOR 				
13' REQUIRED CLEARANCE FROM ANCHOR	0' FREE FALL		WORKING SURFACE	
	7' REQUIRED CLEARANCE FROM WORKING SURFACE		ARREST DISTANCE 42" MAX. PER ANSI Z359.14-2021 CLASS 1	3.5'
			HARNESST STRETCH 18" MAX. PER ANSI Z359.11-2021	1.5'
			SAFETY FACTOR	2'
			SWING FALL DROP DISTANCE	TBD

- **Swing Falls:** Prior to installation or use, make considerations for eliminating or minimizing all swing fall hazards. Swing falls occur when the anchor is not directly above the location where a fall occurs. Always work as close to, or in line with, the anchor point as possible. Swing falls significantly increase the likelihood of serious injury or death in the event of a fall. Ensure a Competent Person includes swing fall in calculations if the hazard exists.

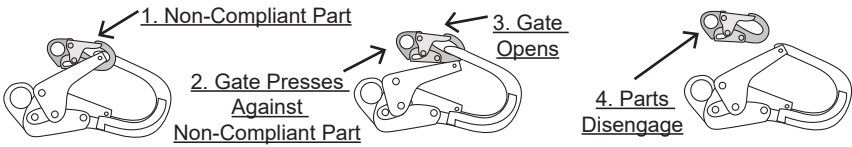
SWING FALL:



► 9.0 COMPATIBILITY OF CONNECTORS

- Safewaze equipment is designed for, and tested with, associated Safewaze components or systems. If substitutions or replacements are made, ensure all components meet the applicable ANSI requirements. Read and follow manufacturer's instructions for all components and subsystems in your PFAS. Not following this guidance may jeopardize compatibility of equipment and possibly affect the safety and reliability of the system.
- 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. (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.
- Connectors must be compatible in size, shape, and strength.
- Self-locking snap hooks and carabiners are required by OSHA guidelines.
- Some specialty connectors have additional requirements. Contact Safewaze if you have any questions about compatibility.

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.

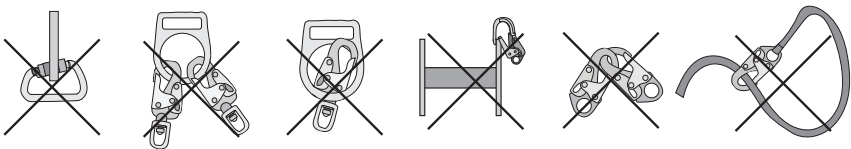
► 10.0 MAKING CONNECTIONS

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 (hooks, carabiners, and D-rings) are designed to be used only as specified in each product's manual. 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).
- 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 web line constituent around an anchor and securing to line constituent, 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.

INAPPROPRIATE CONNECTIONS:



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 Z359.1-2007 or ANSI Z359.12 and is equipped with a 3,600 lb. (16 kN) gate.

► 11.0 INSTALLATION OF PERSONNEL WINCH WITH UNIVERSAL BRACKET

Prior to installing the Personnel Winch, ensure the Universal Tripod Bracket (019-11010) is properly installed on the tripod. **Note:** An aforementioned bracket is required for installation and not included with this device.

The mounting bracket (Universal Tripod Bracket) may or may not be pre-installed on a tripod leg depending on which tripod configuration is purchased. The second component (device bracket) comes pre-attached to the Personnel Winch.

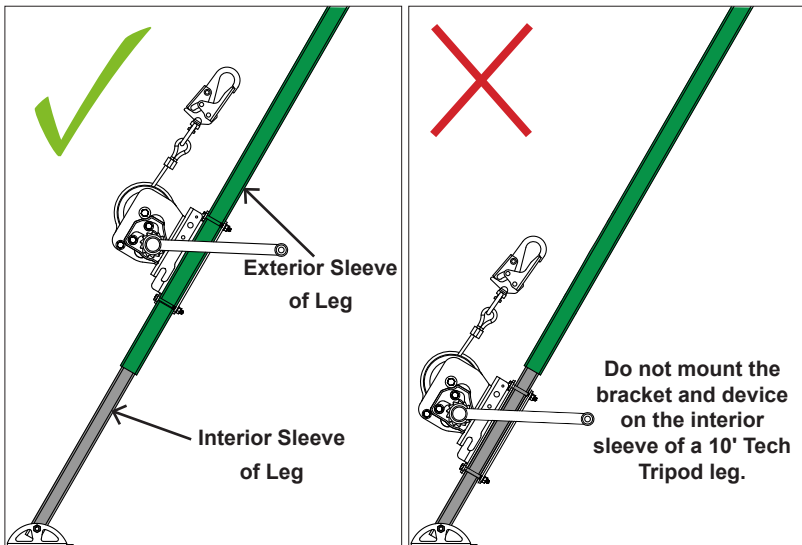
The following instructions are for installing the mounting bracket or for adjusting its height/orientation if pre-installed:

1. Loosen the lock nuts on the back of the mounting bracket and slide the bracket up or down the tripod's leg section.
2. With the bracket in the selected location on the tripod leg, re-tighten the lock nuts to 15 ft-lb. Do not over tighten.

The mounting bracket can be moved from one tripod leg to another if necessary. Depending on the installation location and tripod used*, the bracket may be oriented on the inside (for left hand retrieval) or outside (for right hand retrieval) of the tripod leg based on jobsite parameters or user preference. Refer to the specific tripod instructions to verify.

*Only capable with Safewaze 10' Tech Tripods, not 7' Adjustable Tripods. Do not mount the bracket and device on the interior sleeve of a 10' Tech Tripod Leg.

DEVICE INSTALLATION:

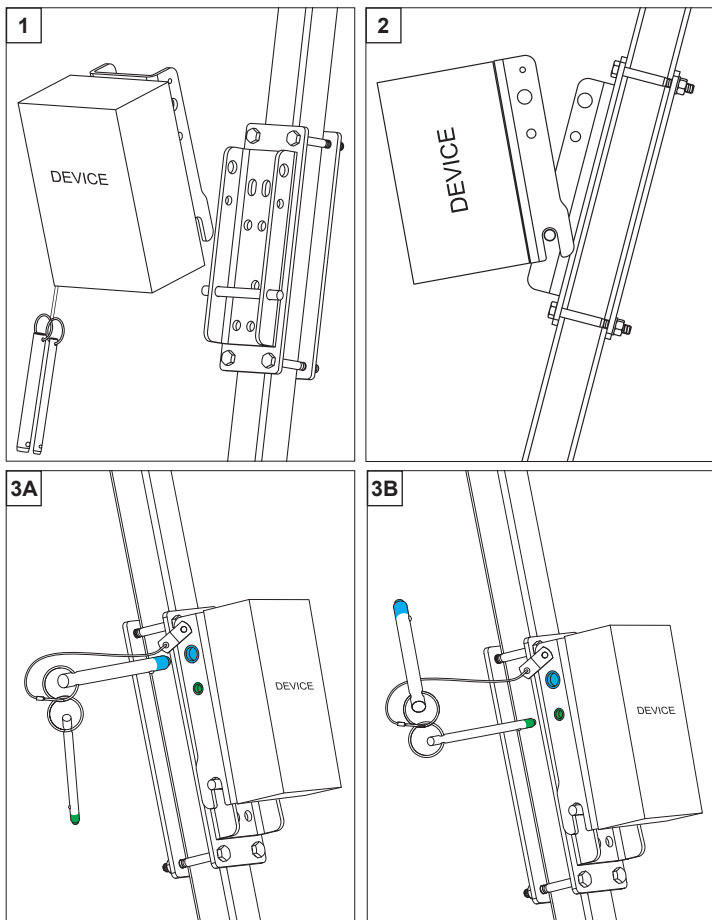


PERSONNEL WINCH INSTALLATION STEPS:

Remove the detent pin from the mounting bracket and position the Personnel Winch with the line constituent oriented towards the top of the tripod and the device bracket hooks facing down.

1. Place the device bracket on the inside or outside* of the mounting bracket. Ensure the device bracket hooks are properly seated onto the crossbar of the mounting bracket (1). ***Note:** The device bracket may sit on the inside or the outside of the mounting bracket depending on what mounting bracket is used.
2. With the device bracket hooks securely seated on the crossbar of the mounting bracket, rotate the Personnel Winch upwards until holes in both sections of the bracket are realigned (2).
3. Re-install the appropriate detent pin* (3A, 3B) through the aligned holes. ***Note:** Due to various iterations of the bracket, users may need to utilize either the blue or the green detent pin. The proper detent pin will match the mounting bracket hole size.

The device line constituent can now be routed through an appropriate rigging location. Refer to the manual of the installation location (7' Adjustable Tripod, 10' Tech Tripod, etc.) for rigging steps.



12.0 OPERATION OF PERSONNEL WINCH

 Important: Prior to operation, ensure the device is secured on the installation location and the Line Constituent is installed properly according to the installation location's (7' Adjustable Tripod, 10' Tech Tripod, etc.) manual.

CONNECTING LINE CONSTITUENT TO WORKER (A, B):

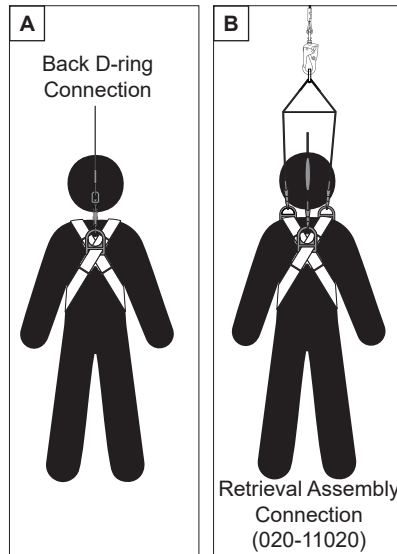
A) Perform connection away from the entrance to avoid an accidental fall. In situations that do not require the use of a secondary PFAS, the Line Constituent of the winch should be connected directly to the worker's harness back D-ring:

1. Pull on the Line Constituent while cranking the Handle in a counterclockwise direction.
2. Once there is sufficient length of Line Constituent to comfortably attach to the worker, connect the Line Constituent to the worker's appropriate confined space attachment point.
3. Crank the Handle in a clockwise direction to slowly reel in the Line Constituent until snug.
4. The worker should slowly transfer their weight to the system until able to lift both feet off the ground.
5. Ensure the Winch safely holds the worker in a stationary position.
6. Adjust fit of worker's harness, if needed, prior to lowering into intended work area.

B) Perform connection away from the entrance to avoid an accidental fall. In situations that require the use of a secondary PFAS, the Line Constituent of the winch should be connected to a retrieval assembly:

1. Pull on the Line Constituent while cranking the Handle in a counterclockwise direction.
2. Once there is sufficient length of Line Constituent to comfortably attach to the worker, connect the Line Constituent to a retrieval assembly.
3. Attach the assembly to the worker's harness shoulder D-rings.
4. Attach a secondary line constituent directly to the worker's harness back D-ring.
5. Crank the Handle in a clockwise direction to slowly reel in the Line Constituent until snug.
6. The worker should slowly transfer their weight to the system until able to lift both feet off the ground.
7. Ensure the Winch safely holds the worker in a stationary position.
8. Adjust fit of worker's harness, if needed, prior to lowering into intended work area.

CONNECTION EXAMPLES:



CONNECTING LINE CONSTITUENT TO A MATERIAL LOAD:

If used for Material Handling, the unit can no longer be used as a fall protection system. Perform connection away from the entrance to avoid accidentally dropping the load.

1. Pull on the Line Constituent while cranking the Handle in a counterclockwise direction.
2. Once there is sufficient length of Line Constituent to attach to the load, the Line constituent of the winch should be connected to the load with a tie-off adapter or other anchoring connector.
3. Crank the Handle in a clockwise direction to slowly reel in the Line Constituent until snug.
4. Slowly transfer the weight of the load to the system until slightly off the ground.
5. Ensure the Winch safely holds the load in a stationary position prior to lowering into intended work area.

LOWERING LINE CONSTITUENT:

To lower the Line Constituent, turn the Handle in a counterclockwise direction.

- If lowering the Line Constituent without a worker or load, maintain 10 lbs. (4.5 kg) of tension on the line.
- The winch operator should keep a gloved hand on the Line Constituent to keep a slight tension on it as it is being lowered.
- To decrease swing fall with a suspended worker, the Line Constituent's angle shall be maintained at a maximum of 5 degrees from vertical.

- If the worker is not suspended/there is no chance of a fall, the winch operator may pay out a maximum of 2 ft. (0.6 m) of Line Constituent for the worker to move comfortably.
- Stop cranking the Handle to hold, or suspend, the worker/load. The device will hold the load if the Handle is released.
- The winch operator and suspended worker must stay in constant communication with each other. If any obstacles arise, the winch operator must stop cranking the Handle until problem is corrected.
- Always keep Line Constituent tension firm. A slack Line Constituent could cause a free fall.

RAISING LINE CONSTITUENT:

To raise the Line Constituent, turn the Handle in a clockwise direction.

- The winch operator and suspended worker must stay in constant communication with each other. If any obstacles arise, the winch operator must stop cranking the Handle until problem is corrected.
- Maintain an even retrieval rate.
- Check periodically to see that the Line Constituent is winding evenly back into the Winch.
- Stop cranking the Handle to hold, or suspend, the worker/load. The device will hold the load if the Handle is released.
- Always keep Line Constituent tension firm. A slack Line Constituent could cause a free fall.

► 13.0 INSPECTION

The user must keep instructions available for reference and record the date of first use on Page 2.

The user must immediately remove the system from service if exposed to fall arrest forces, or if defects or damage are found.

Work Area:

- Inspect the work area to ensure the location is free of any damage including, but not limited to, debris, cracking, rot, decay, structural deterioration, rust, and any hazardous materials.
- A Competent Person must determine that the installation location to be utilized will support the intended loads.

Frequency:

- A Competent Person, other than the user, must inspect the device at least once annually. While conducting inspections, the Competent Person must consider all applications and hazards that the equipment may have been subjected to while in use.
- Competent Person inspections must be recorded either with the Inspection Log included in this manual (Page 20), or the inspection table labels on each product individually. The Competent Person must place their initials in the block which corresponds with the month and year that the inspection is performed. All individual labels on the equipment will be initialed in the same manner.

INSPECTION FREQUENCY:

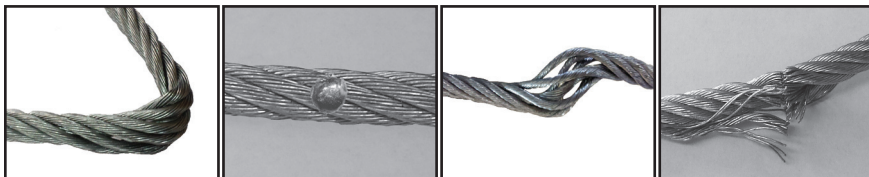
Type of Use	Application Examples	Conditions of Use	Inspection Frequency by Competent Person
Infrequent to Light	Rescue and Confined Space, Factory Maintenance	Good Storage Conditions, Indoor or Infrequent Outdoor Use, Room Temperature, Clean Environments	Annually
Moderate to Heavy	Transportation, Residential 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

Directions:

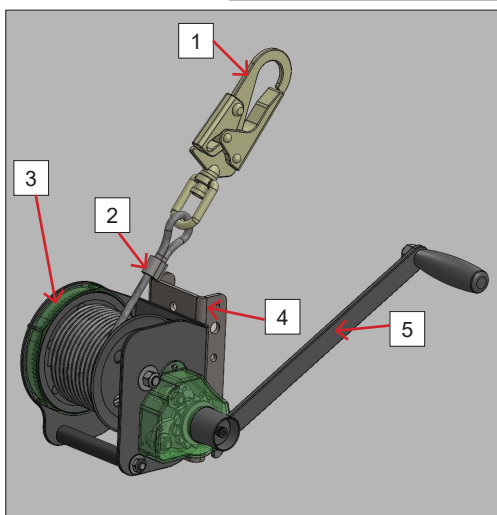
- Prior to each use, inspect the Personnel Winch for possible deficiencies including, but not limited to, missing parts, corrosion, deformation, pits, burrs, rough surfaces, sharp edges, cracking, rust, paint buildup, excessive heating, alteration, and missing or illegible labels. Inspect all components of the device including the applicable brackets, housing, connectors, fasteners, and entire length of line constituent. Inspect the mounting structure according to its product manual.
- Prior to each use, the user must inspect and verify that **each individual component** of the Personnel Winch is safe for use:
 1. The Handle must move freely and must not interfere with any other component.
 2. The cable from the unit should pay out and retract smoothly when rotating the Handle in the corresponding clockwise or counterclockwise direction.

3. Inspect the entire length of line constituent for any damage including, but not limited to, fraying, crushing, bird caging, chemical exposure, heat/welding spatter, and kinking. The user shall always wear gloves when inspecting the line constituent to prevent injury in the event of cable damage.
4. Ensure the Mounting Bracket is fully connected and secured to the device.

CABLE DAMAGE EXAMPLES:



PERSONNEL WINCH INSPECTION:



1	Snap Hook
2	Line Constituent
3	Housing/Labels
4	Device Bracket
5	Handle

► 14.0 MAINTENANCE

Repairs:

- If unit is in need of repair, the user must return the device to an authorized Safewaze repair center for inspection and service.

Cleaning:

- The device can be cleaned with water and mild soap. The user shall remove all dirt, possible corrosives, and contaminants from the system prior to, and after, each use. Never use any type of corrosive substance to clean the system.
- Excess water shall be blown out with compressed air. Hardware can be wiped off with a clean, dry cloth. Do not store system if wet or damp. Allow equipment to fully dry before being stored.

Storage:

- Prior to installation, store the device in a cool, dry area where it will not be exposed to extreme light, extreme heat, excessive moisture, or possibly corrosive chemicals or materials.

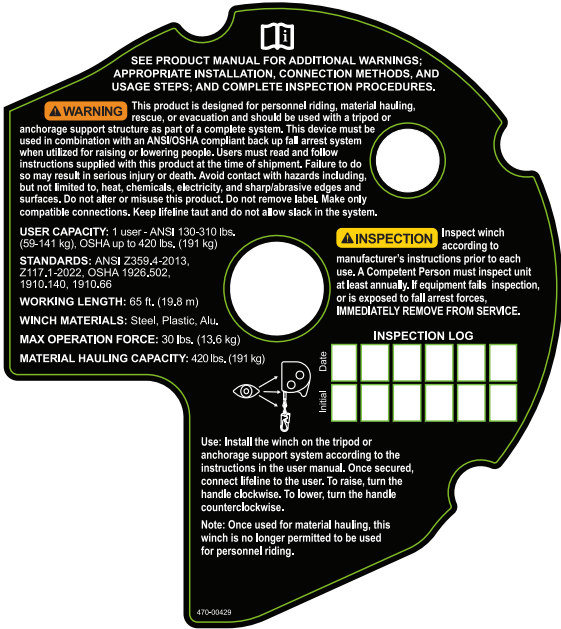
Lifespan:

- The working life of the device is determined by work conditions, care, and inspection provided. So long as the system and all components pass inspection, it may remain in service.

Disposal:

- Dispose of the device if inspection reveals an unsafe or defective condition. If damaged and unserviceable, the system must be destroyed and the line constituent cut so as not to allow accidental re-use.

15.0 LABELS



**SAFEWAZE****INSPECTION LOG**

ANNUAL FORM

Inspection Date:	Inspector:	Pass/Fail: ▼▲	Comments/ Corrective Action:

**SAFEWAZE****Address:** 225 Wilshire Ave SW, Concord, NC 28025**Phone:** (800) 230-0319**Fax:** 704-262-9051**Email:** info@safewaze.com**Website:** safewaze.com