BUCKINGHAM MFG.

BuckEscape – After Fall / Disabled Bucket – Self-Rescue System (PN 302AFKIT-65)
Instructions / Warnings:

Warning: Do not use this product if you cannot understand and follow the instructions and warnings that come with it and complete all necessary functions.

Buckingham's P/N 302AFKIT-65 has been designed as an energy absorbing lanyard with capabilities to provide a means for a worker to perform a self-rescue from a disabled arial bucket or in the event of being ejected from the bucket and are suspended from their lanyard. This system and any of its components must not be used for any other purpose.

The P/N 302AFKIT-65 After Fall Self Rescue System contains the following components:

- One "BuckEscape"- one time use Energy Absorbing Self Rescue Lanyard (PN 6VV115R2S2)
- One "BuckEscape Descender Kit"- (PN 302AF-65) Includes descender with attached aluminum carabiner with 65' (19.8 m) of ¼" (6.8 mm) descent line with aluminum snaphook stitched to attachment end. (This descent device component of this product has been tested to and meets applicable single use device requirements of ANSI Z359.4)
- Product instructions and Storage bag.

Buckingham also offers a training version of this kit known as P/N 302AFTKIT-65 After Fall Self Rescue System that includes the following components:

- One "BuckEscape"- One re-usable Energy Absorbing Self Rescue Training Lanyard (PN 6VV115R3S2) This training lanyard has been manufactured with a 5000 lb. (22.2 kN) rated backup strap in addition to the energy absorbing material, so the lanyard may be re-used even if deployed.
- One "BuckEscape Descender Kit"- (PN 302AFT-65) Includes descender with attached aluminum carabiner with 65' (19.8 m) of ¼" (6.8 mm) descent line with aluminum snaphook stitched to attachment end. (This descent device component of this product has been tested to and meets applicable single use device requirements of ANSI Z359.4). Buckingham authorizes this descent device as a multi-use device only when the below listed training requirements are strictly adhered to.
- Product instructions and Storage bag.

PN 302AF-65

(Product hardware / color may vary from that shown)

Front of bag

Back of bag with strap attachments closed

Back of bag with strap attachments open

Bag open with descent line, descender, carabiner and snaphook

PN 6VV115R2S2

PN 6VV115R3S2

SELF RESCUE SYSTEM REQUIREMENTS:

In compliance with the ANSI Z359.4 standard, this product has a user weight limit of 130 to 310 lbs. (59 to 140 kg) when fully equipped. Outside of the ANSI Z359.4 compliance, this system can be used as follows:

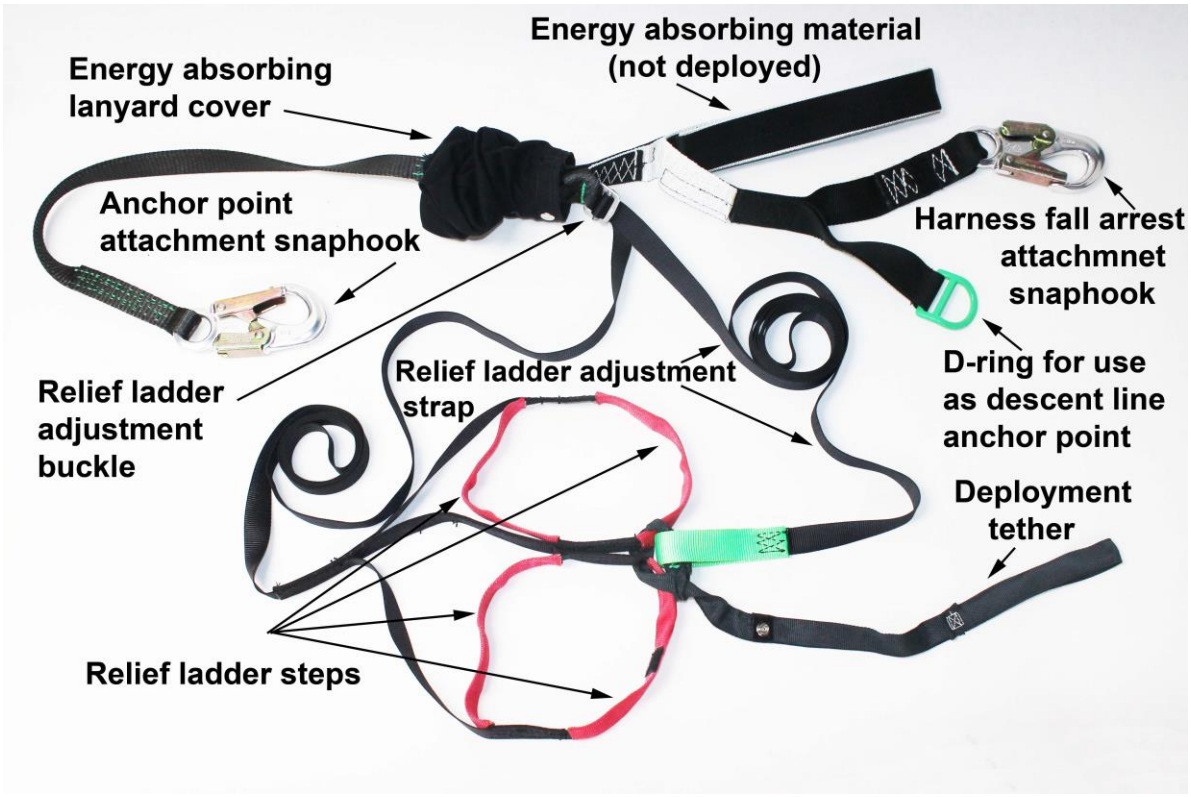
- Single person load of 350 lbs. (158.8 kg) maximum, when fully equipped and when used with an equivalently rated harness / accessories. In this case, an additional braking system must be used, no impact loading tolerated, and the maximum rate of descent must be no more than 3.3 feet (1 m) / second.
- The BuckEscape rescue lanyards are only one part of the After Fall Self Rescue System and must be used in conjunction with the PN 302AF descender Kit. Ensure that the descender kit storage bag with all of the kit contents is securely attached to your full body harness before each use.

NOTES: TRAINING REQUIREMENTS:

- This system includes an energy absorbing lanyard and an adjustable rescue step contained inside a protective cover. During a fall, the energy absorber will limit the maximum arrest force to less than 1800 lbs. (8 kN) and the rescue components will deploy from the cover. Based on various factors such as arrest force, user weight, fall distance, anchor point rigidity, etc. the energy absorber pack may not fully deploy exposing the rescue components. Therefore, this lanyard is manufactured with back up tag line designed to be manually pulled to deploy the rescue components from the energy absorber pack in the case of partial deployment.
- Use of this system requires the attachment of PN 302AF-65 (Descender Kit) to the users fall arrest harness before use.
- Use this system only with a compatibly rated harness that is equipped with a sternal attachment element or rescue rappelling loops.
    - It is recommended that a dorsal pig tail extension (C23S1Q1) be used for harnesses that have a permanently affixed dorsal fall arrest attachment (Buck Fit and Buck Fit Mini-series). Because the dorsal attachment on these types of harnesses does not slide up during fall arrest, that could make it difficult to reach the snap hook to disconnect the fall arrest lanyard. The extension may also be useful for other harness types as well, it is important that during training it is identified whether an extension is necessary.
- This rescue system is intended for use by experienced professionals only.
- Safe use of this system requires training by a qualified instructor and practice.
- Knowledge of the techniques required to use this system properly and safely can only be acquired through personal instruction received from a qualified trainer. Such instruction will include evaluation of your understanding and ability to perform all tasks required to use this system safely and effectively. Never attempt to use this system until you have received proper instruction and are deemed competent by a qualified instructor.
- The descender is designed for use with approved ropes only (supplied with product). Do not use this descender with any other ropes. Use of non-approved ropes could result in serious injury or death.
- While the descenders auto-lock feature is designed to allow both hands to be free while climbing out of the bucket or attaching to an anchor point, Safe use of the device during a descent requires use of both hands at all times. One hand releasing the auto-stop lever of the descender and the other hand braking the descent by holding the free end of the descent line to provide additional braking (tailing).
- The descender is designed to be used as an evacuation descent control device only. After use, components of this system must be inspected by a competent person before being put back into service.
- Buckingham Mfg. recommends that only new, unused P/N 302AFKIT-65 Rescue Systems be issued as part of Self-rescue gear.
- For training, it is recommended that separate PN 302AFT-65 with a PN 6VV115R3S2 Energy Absorbing Self Rescue Training Lanyard be used under supervision and continuous inspection; with the trainee at all times utilizing a separate safety belay line. After rescue applications, components of this system must be inspected by a competent person. Also ensure the descender adequately brakes before being put back into service.

- Discard any Energy Absorbing Self Rescue Lanyard that has been impact loaded. However, thru normal training use and dependent on factors such as user's weight and number of uses, the white energy absorbing material may begin to separate. This separation is acceptable as the Energy Absorbing Self Rescue Lanyard is manufactured with a 5000 lb. (22.2kN) tensile strength backup webbing.
- For training purposes, it is recommended that a stopper knot be tied in the ¼" (6.8 mm) diameter descent line to aid in the prevention of the trainee making contact with the ground in the event of improper use of the product. The stopper knot should be adjusted to a height so that the trainee's feet can only make slight contact with the ground, however, the stopper knot should be adjusted low enough that the trainee can stand and disconnect.
- To prevent any detrimental effect to the rope in the event of an electric arc exposure (40 cal./cm^2 max) store rope in the supplied storage bag and in the closed position.

PN 6VV115R2S2 is shown below with the cover open. Product hardware / color may vary from that shown.



Optional Pig Tail Extension PN CS23S101 (shown right)

PUTTING THE SYSTEM INTO SERVICE – Escape After Fall From Aerial Bucket (also see video)

(Video Link)

Warning-Training of the employee/operator is REQUIRED before putting the system into service. See Training Requirements in above section for information.

For Training – Use PN 302AFTKIT
For Emergency Use - Use PN 302AFKIT

The 302AF- series should be packed and attached to harness appropriately for quick deployment. Descent line must be stored in the closed, supplied storage bag to prevent any detrimental effect that would result from (see packing and installation instructions starting on page 8). an electric arc exposure (40 cal./cm^2 max.). A safe descent using this system requires pre-planning. Please follow your organization's protocol when using this product. See proper packing section of these instructions for packing procedure.

- For training determine how to safely get the trainee into an elevated position. Buckingham suggests the use of a structure equipped with a 5000 lb. (22.2kN) anchor point.
- Once suspended determine that all of the rescue components have deployed from the lanyard cover. (For training the rescue components will remain inside in the energy absorbing lanyard cover). (If ejected from an aerial bucket, all of the rescue components may or may not have deployed depending on severity of the fall).
- Use both arms to reach up and firmly grasp the deployment tether located just below the energy absorber pack (Fig. 1).
- Give a firm quick tug on the deployment tether to deploy the rescue components from the energy absorber cover (Fig. 2).
- Insert both feet into the red relief ladder steps (Fig. 3).

Fig. 1

Fig. 2

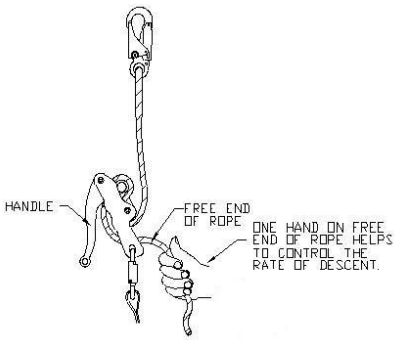
Fig. 3

- Once both feet are securely in the red relief ladder steps, pull down on the relief ladder adjustment strap (opposite end of the webbing and identified by the green web loop) while simultaneously lifting both feet to get into a comfortable seated position (Fig. 4).
- Remove the end of the ¼" (6.8 mm) diameter descent line with attached locking snap hook, descender and carabiner from the storage bag.
- Stand up in the red relief ladder steps, connect the locking snap hook of the descent line to the green D-ring (descent line anchor point) located just below the energy absorbing pack (Fig. 5).
- Connect the carabiner that is attached to the descending device to the sternal attachment or both rappelling loops on your harness. (Fig. 6). Ensure the handle of the descender is facing away from the body. This ensures the handle cannot compress against the body. When installation is complete, assembly should look like the illustration in Fig. 7.
- Double check to visually ensure that both the locking snap hook of the descent line is attached to the green D-ring (descent line anchor point) and carabiner are properly attached to the descent device and your harness.
- While in this position, disconnect the harness fall arrest attachment snap hook on the energy absorbing lanyard from the dorsal attachment of your harness (Fig. 8).

Fig. 4

Fig. 5

Fig. 6



HANDLE SHOULD ALWAYS FACE AWAY FROM USER

Fig. 7

Fig. 8

Fig. 9

Fig. 10

- Slowly lower yourself until fully supported by the descending device.
- Remove both feet from the red ladder loops.
- Proper usage of the descender will allow descent at a controlled, safe rate. Maximum rate of descent for a user up to 310 lbs. must be no more than 6.6 feet (2 m) / second. In the cases where the user's weight is above 310 lbs., maximum rate of descent must be no more than 3.3 feet (1 m) / second. Safe use of the device during a descent requires use of both hands at all times. One hand releasing the auto-stop lever of the descender and the other hand braking the descent by holding the free end of the descent line to provide additional braking (tailing) (see Fig. 9). Activate the braking position feature (position 3, Fig. 10) and the descent will be stopped or considerably slowed. Releasing the handle completely (position 1, Fig. 10) will also activate the braking feature. If extra braking is required, ensure before starting to rappel that the free end of the descent line is through the carabiner. Control the rate of descent by varying the angle of the free end of the descent line against the carabiner frame. Make sure the action of the descent line will not unscrew the carabiners gate (Fig. 11).
- To rappel, slowly squeeze the handle toward the body of the descender with one hand to the midpoint (position 2, Fig. 10) while the other hand controls the free end of the descent line to provide additional braking (tailing) (Fig. 9). Make a slow controlled descent to the ground. Control the rate of descent by varying the amount of angle and grip pressure applied to the free end of the descent line as shown in Fig. 9. To stop descending at any time release pressure on the lever and/or increase tension on the free end of the rope.

Fig. 11

Warning: The stop feature is a convenience for temporarily stopping on descent and not to arrest a free fall.

PUTTING THE SYSTEM INTO SERVICE – Escape From A Disabled Aerial Bucket

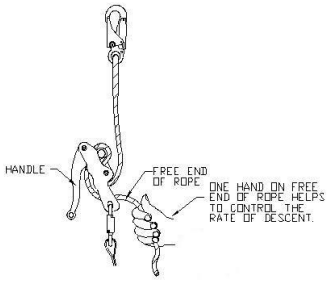
For Training – Use PN 302AFTKIT
For Emergency Use - Use PN 302AFKIT

- The 302AF-series should be packed / stored appropriately for quick deployment. Descent line must be stored in the closed, supplied storage bag to prevent any detrimental effect that would result from an electric arc exposure (40 cal./cm^2 max.). A safe descent using this system requires pre-planning. Please follow your organization's protocol when using this product. See proper packing section of these instructions for packing procedure.
- The descender should be secured on the descent line at the ideal location to ease the process of climbing out of the bucket. (see recommended placement of descender Figures 21 & 22 on page 8).
- The descender, when packaged from the factory, is placed on the descent line approximately 36" from the anchor attachment snap.
- Anchor attachments and buckets differ, therefore set up the location of the descender ideal for each truck.

Fig. 12

Note: Prior to using the 302AFKIT Rescue System, it is necessary to determine the safest, easiest way of exiting the aerial bucket. We suggest exiting over the top of the aerial bucket directly across from the anchor point. (Fig. 12) Always ensure the descent line length is compatible with full working height of ariel lift to ensure you can self-rescue completely to ground level.

- Remove the ¼” (6.8 mm) diameter descent line with attached locking snap hook from the storage bag and connect the locking snap hook to a suitable anchor point. Anchor points must be OSHA compliant.
- Connect the carabiner that is attached to the descending device to the sternal attachment or both rappelling loops on your harness.
- Ensure the handle of the descender is facing away from the body. This ensures the handle cannot compress against the body. When installation is complete, assembly should look similar to the illustration in Fig. 13.



HANDLE SHOULD ALWAYS FACE AWAY FROM USER

Fig. 13

Fig. 14

Fig. 15

Fig. 16

Note: When using a “cross-over” (‘X’) style harness (style 3B, 3E, or 3F) attach the triple locking carabiner directly to the web loop at the cross-over on the front of the harness.

- Test the function of the descender with the handle released (position 1, Fig. 14) by pulling upward on the descent line (the end with the snap hook) to ensure the brake mechanism is working properly. Perform the same test with the handle squeezed completely (position 3, Fig. 14). Squeeze the handle to the midpoint (position 2, Fig. 14) while again pulling upward on the descent line to ensure the descent line slides smoothly through the descender in this position.
- Disconnect the shock absorbing lanyard from the fall arrest attachment of the harness.
- Carefully climb out of the bucket.
- Proper usage of the descender will allow descent at a controlled, safe rate. Maximum rate of descent for a user up to 310 lbs. must be no more than 6.6 feet (2 m) / second. In the cases where the user’s weight is above 310 lbs., maximum rate of descent must be no more than 3.3 feet (1 m) / second. Safe use of the device during a descent requires use of both hands at all times. One hand releasing the auto-stop lever of the descender and the other hand braking the descent by holding the free end of the descent line to provide additional braking (tailing) (see Fig. 15). Activate the braking position feature (position 3, Fig. 14) and the descent will be stopped or considerably slowed. Releasing the handle completely (position 1, Fig. 14) will also activate the braking feature. If extra braking is required, ensure before starting to rappel that the free end of the descent line is through the carabiner. Control the rate of descent by varying the angle of the free end of the descent line against the carabiner frame. Make sure the action of the descent line will not unscrew the carabiners gate (Fig. 16).
- To rappel, slowly squeeze the handle toward the body of the descender with one hand to the midpoint (position 2, Fig. 14) while the other hand controls the free end of the descent line to provide additional braking (tailing) (Fig. 15). Make a slow controlled descent to the ground. Control the rate of descent by varying the amount of angle and grip pressure applied to the free end of the descent line as shown in Fig. 15. To stop descending at any time release pressure on the lever and/or increase tension on the free end of the rope.

ADDITIONAL USE INSTRUCTIONS FOR A SINGLE PERSON LOAD OF 350 LBS.

- The descent needs to be slow and controlled with no impact loading allowed (maximum rate of descent must be no more than 3.3 feet (1 m) / second).
- Safe use of the device during a descent requires use of both hands at all times. One hand releasing the auto-stop lever of the descender and the other hand braking the descent by holding the free end of the descent line to provide additional braking (tailing) (see Fig. 15).
- Additional braking must be used (free end of the descent line is through the carabiner). Control the rate of descent by varying the angle of the free end of descent line against carabiner frame (Fig. 16).

Fig. 17a

Warning: The stop feature is a convenience for temporarily stopping on descent and not to arrest a free fall.

INSPECTION

Fig. 17b

Prior to, and after each use, carefully inspect each component. It is also recommended all components be removed from the storage bag and inspected at least every six months by a competent person. The inspection should include, but not be limited to the following:

Descender

- Inspect to ensure no cracks, distortion, nicks, burrs, sharp edges, or excessive wear exist and perform an operational test as outlined in "WARNINGS" below.
- Make sure the descent line is woven through the descender correctly as illustrated on the unit and in figures 17a and 17b.
- Inspect for proper operation of both the brake mechanism and the descent handle mechanism. Also make sure that the descent line slides smoothly through the unit when the handle is depressed to the midpoint (position 2, Fig.14).
- Inspect for excessive wear marks on the descender due to friction from the descent line. Descent Line friction can cause wear marks with sharp edges which will be detrimental to the performance of the rope (see Fig. 18).

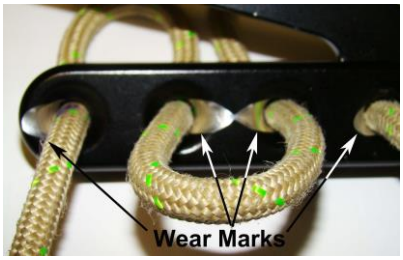


Fig. 18

Descent Line

- Inspect to ensure no cuts, kinks, abrasions, burns, broken fibers, chemical or physical exposures, excessive wear, discoloration, swelling, or herniated descent line core popping through cover) exist.
- Inspect stitched eye to ensure no excessive wear, abrasions, cut, broken, missing or unraveling thread, or broken fibers where the descent line attaches to the snap hook eye exist.

Snap Hook and Carabiner

- Ensure locking device and keeper / gate operate freely and smoothly.
- Inspect to ensure no cracks, distortion, corrosion, or nicks exist.

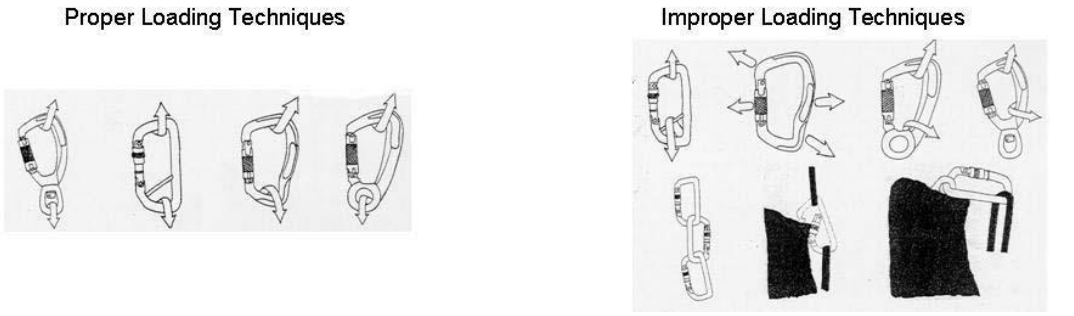
If any evidence of wear or deterioration as outlined is observed, immediately cease use, destroy the product, and replace it with new equipment. Should any unusual conditions not outlined above be observed or you have reasonable doubt about a particular condition, remove the equipment from service and notify your Supervisor, Safety Director, or contact Buckingham Mfg. Co. for clarification.

WARNINGS

- Read carefully, understand, and heed these and all included instructions, warnings, and cautions before using this equipment. Failure to do so could result in serious injury or death.
- This equipment is intended for use by properly trained professionals only.
- Fall protection equipment, (i.e. fall arrest, work positioning belts, retrieval, suspension etc.) should not be resold or provided to others for re-use after use by original user.
- Before use: 1. Ensure that descent line is in good condition. 2. Is properly installed in the descender. 3. Descent line is properly attached to anchor point. 4. Operational test by loading with your bodyweight is performed.
- Ensure by visual inspection that your descent device is properly attached to both an OSHA compliant anchor point and suspension / rescue attachment elements on your full body harness prior to disconnection of your energy absorbing lanyard.
- Safe use of the device during a descent requires use of both hands at all times. One hand releasing the auto-stop lever of the descender and the other hand braking the descent by holding the free end of the descent line to provide additional braking (tailing) (see Fig. 9 & 15).
- Ensure a stopper knot is tied in the end of the descent line to prevent the descender from slipping off the descent line. The stopper knot must be properly positioned as noted in the Training Requirements section of these instructions.
- Anchor points must be OSHA compliant.
- Avoid rubbing of unit components against abrasive surfaces and sharp edges.
- Use this product only in combination with compatible equipment.
- Use with approved rope (Descent Line) only. Do not use this descender with a substitute rope.
- Guard against debris which could block the action of the descender handle (pebbles, twigs, ice, snow, etc.).

- Guard against frozen conditions. Excessive ice or snow buildup will adversely affect the proper operation of the mechanical devices supplied with this system.
- Equipment subjected to impact loading must be immediately removed from service, destroyed, and discarded.
- Always visually check that the snap hook / carabiner freely engages the anchor point and the keeper / gate is completely closed. Never rely on the feel or sound of a snap hook / carabiner engaging.
- Be certain the snap hook / carabiner is positioned so that its keeper / gate is never load bearing.
- Ensure loads applied to snap hook / carabiners are directed in the proper orientation. Proper and improper loading techniques are shown below in Figure 19.

Fig. 19



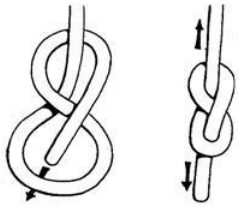
- Never disable the locking mechanism on the snap hook / carabiner, punch holes in or alter a connecting device or any part of this system in any way.
- Only Buckingham Mfg. Co. or those people authorized in writing by Buckingham Mfg. Co. may make repairs to this equipment.
- Do not let any part of this system come into contact with any chemicals, corrosive materials, acids or basic solvents.
- Wearing gloves while using this product is highly recommended. The descender may become very hot over long descents.
- Product covered under these instructions / warnings should not be resold / redistributed or re-used after use by original user.
- Employer - instruct employees as to proper use, warnings and cautions before use of this equipment.

Maintenance

- Proper maintenance and storage of your equipment will prolong its useful life and contribute toward its performance. Clean equipment with water and mild soap and allow to dry thoroughly without using excessive heat and lubricate, as necessary.
- Lubricate lock mechanisms, keepers and gates at least weekly or as often as required to maintain smooth operation (no binding). Use a lightweight lubricant such as BuckLube, WD-40®, Etc.
- If the descender needs to be cleaned, hand wash with warm water and a mild detergent while working the handle. Do not use corrosive substances such as acetone or petroleum-based solvents for cleaning. Rinse in clean warm water while working the handle and dry immediately.
- Do not store where the descender may be exposed to moist air, particularly where dissimilar metals are stored together.
- Apart from examination of product before and after each use, it should be inspected at least twice a year by a competent person.

Proper Packing of the Descender Kit:

Fig. 20



- Ensure descent line is completely dry before packing into the containment bag.
- Make sure a ‘figure 8’ stopper knot is tied in the free end of the descent line (Fig. 21).
- Start by feeding the descent line (the end with the ‘figure 8’ stopper knot) into the storage bag. This ensures the descent line will not become tangled if and when the bag is dropped from the bucket.
- Ensure the descent line is properly weaved through the descender as shown in Fig. 16a and 16b.
- Recommended Placement of the descender as outlined below eases the process of climbing out of the bucket and attaching it to the descent line anchor point D-ring.

Fig. 21

Fig. 22

- Inspect the descender to ensure the descent line is correctly woven through and the brake mechanism is functioning properly. The descender must be threaded as shown in the diagram etched into the side of the descender.
- Open the locking carabiner gate and insert the descent line from the lower portion of the descender into carabiner so it exits the carabiner on the same side as the handle of the descender (Fig.16).
- Place descender, remaining descent line, and then the locking snap hook in the bag.
- Finally, place the supplied instruction sheet in the bag and seal with the hook and loop closure.
- Make sure the instructions are packed in the storage bag prior to each use.

Proper attachment of 302AF to the Full Body Harness

- For harnesses with a horizontal back strap (Fig. 23), the 302AF bag can be attached horizontally by looping the red snap closures over the back strap webbing (Fig. 24). The bag can be mounted so the opening is oriented on the right or left side depending on user preference.
- For Harnesses that don't have a horizontal back strap, the 302AF bag can be attached vertically on the rear vertical straps below the dorsal fall arrest attachment on the left or right side (Fig. 25). Bag must be oriented, so the opening is facing down. Place the lowest red snap closure through the cross over opening where the harness upper straps meet the leg straps, and the other snap closure is connected over the upper part of the harness back strap below the dorsal fall arrest attachment.

Fig. 23

Fig. 24

Fig. 25

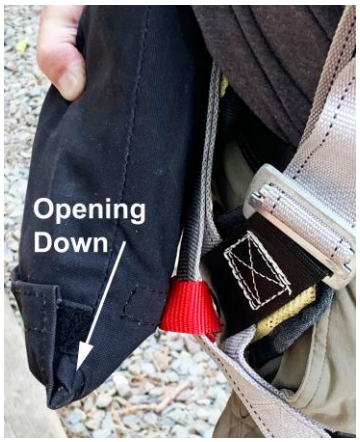


Fig. 26

Proper Packing of the Training Lanyard PN 6VV115R3S

Prior to re-packing, completely unfasten the hook and loop closure and open the energy absorbing lanyard cover so it lies flat. Then adjust the 1” web strap of the suspension relief ladder through the adjustment buckle both so sides (red relief steps and relief ladder adjustment strap with green loop) are the same length.

This is what the unit will look like before packing. The lanyard cover has been purposely left open to represent a unit that has been previously used for training.

Fold the energy absorbing material over and place 1 ¾” (44.5 mm) lanyard straps with D-ring and snaphook over top of it and lie it on top of the cover.

Fold both ends of the 1” (25.4 mm) web strap of the suspension relief ladder back and forth adjacent to the energy absorbing material ensuring there are no twists in either of the straps.

Fold the red relief ladder steps flat and lay them beside the green loop of the relief ladder adjustment strap so that the snap attached to the deployment tether is at the bottom end of the lanyard cover. This should place the red steps and green op towards the center of the cover

Attach the snap on the deployment tether to the snap on the lanyard cover so that the loop end of the deployment tether is exposed from the bottom of the cover.

Start near the center of the lanyard cover and begin to the secure the hook and loop fastener, work your way outward until you reach each end, and the cover is completely closed with the deployment tether exposed.

This is what the Energy Absorbing Self Rescue Training Lanyard should look like when its properly re-packed.

NOTE: This product cannot be returned unless it is in new / unused condition.

STATEMENT of OBSOLESCENCE:

Precise “useful life expectancy” or “shelf life” for this product is not specified, as the degree of use, conditions of use, and the degree of care and storage determines useful life. All users maintain responsibility to select proper equipment for the job, be properly trained in its use, and ensure all personnel support equipment passes inspection before each use. Upon evidence of defects, damage or deterioration, all equipment shall be removed from service immediately and tagged or marked as unusable or destroyed. Additionally, all equipment shall be inspected on a regular basis not to exceed one year by a Competent Person, as defined by OSHA/ANSI, to verify that the equipment is safe for use. In the event of any question or concern regarding the condition of such equipment, users shall remove the equipment from service for further inspection. All users must comply with OSHA/ANSI/ASTM standards prior to and in using such equipment. For more information regarding safe and appropriate use of equipment, please contact Buckingham Manufacturing at 1-800-937-2825.

INTERNATIONAL USERS:

Notwithstanding the above, please know that certain international jurisdictions require manufacturers of equipment to provide customers with a maximum useful lifespan (sometimes referred to as a “Statement of Obsolescence”). To the extent required, Buckingham personal protective equipment manufactured from synthetic fiber materials including but not limited to items such as webbing and/or rope are subject to a maximum useful lifespan of ten (10) years from the date of manufacture. As stated above proper usage, storage, maintenance, and care impacts the useful lifespan of equipment. Extreme circumstances may require that product must be retired after only one use. This statement is made in conformance and compliance with BS EN 365:2004. International users must ensure that product inspections are completed by Competent Persons as defined by international standards including but not limited to British Standard (“BS”). If equipment fails any inspections, it must be immediately withdrawn from service and destroyed. For more information regarding safe and appropriate use of equipment, please contact Buckingham Manufacturing at 1-800-937-2825.

OUR GUARANTEE:

We guarantee the equipment we manufacture to be free from defects in material and workmanship. We will repair any equipment deemed to be defective which is returned to us by the original purchaser. However, this guarantee is void if any product is changed or altered in any way, or if the product is used in a manner other than for which it is intended. This express guarantee supersedes all other expressed or implied guarantees, obligations or liabilities. THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND AS SUCH, ALL IMPLIED WARRANTIES ARE SPECIFICALLY DISCLAIMED.

LIMITATION ON LIABILITY:

IN NO EVENT WILL BUCKINGHAM OR BUYER BE LIABLE TO THE OTHER FOR LOST REVENUES, LOST PROFITS OR ANY OTHER INDIRECT, CONSEQUENTIAL, SPECIAL OR PUNITIVE LOSSES OR DAMAGES, HOWEVER CAUSED, WHETHER IN ACTION FOR BREACH OF CONTRACT, STRICT LIABILITY, TORT, OR OTHERWISE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH LOSSES OR DAMAGES. IN NO EVENT WILL BUCKINGHAM'S LIABILITY EXCEED THE TOTAL AMOUNT PAID BY BUYER TO BUCKINGHAM FOR THE PRODUCT OR EQUIPMENT GIVING RISE TO SUCH CLAIM(S).

PLEASE SEE OTHER TERMS AND CONDITIONS RELATING TO THIS PRODUCT AT https://buckinghammfg.com/terms-conditions/

REGISTRATION:

Before use of the product, ensure to register and confirm the product at www.buckinghammfg.com/register.

BUCKINGHAM MFG.
BINGHAMTON, NY
1-800-937-2825
www.buckinghammfg.com