

# BUCKINGHAM MFG.

## PN 914 Series – BUCKET TRUCK TRAINING RESCUE LADDER

**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.

**NOTE:** PN 914 series Rescue Ladders are not to be used as your primary support and should always be used in addition to your primary fall protection or rescue system.

PN 914-Length is a bucket truck rescue training ladder that allows the user to easily re-enter the bucket during bucket evacuation training. The ladder will allow the user to climb back into the bucket instead of descending all the way to the ground, saving valuable training time. (PN 914-6 shown in Fig. 1).

The ladder is manufactured with a top web attachment loop with a wear guard (Fig. 2). for added protection against wear. This loop is to be used as the connection point to suspend the ladder from the attachment point of the bucket. The bottom of the ladder includes a web loop for the attachment of tag line to help control the swing of the ladder, or to attach another section of ladder for added length if needed (Fig. 3). This training ladder can also be used for other applications such as edge negotiation and as an aid in confined space entry.

PN 914-6 is a six foot length version, other lengths are available, and all are rated to for use by a person with a maximum weight of 420 lbs. when fully equipped. Attachment carabiners not included with the ladder. Use using only approved carabiners with a gate rating of 3600 lbf. and meeting ANSI Z359.12 requirements.

Colors, lengths and hardware may vary from that shown.

### NOTE: TRAINING RECOMMENDATION

- Knowledge of the techniques required to properly and safely use this system 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 safely and effectively use this system. Never attempt to use this system until you have received proper instruction and are deemed competent by a qualified instructor.

### PUTTING THE 401SRK RESCUE SYSTEM INTO SERVICE

- Prior to training and with the bucket on the ground, unpack and unfold the ladder so there are no twists or tangles.
- Attach the top attachment eye of the ladder to an OSHA approved anchor point on the bucket truck, using only an approved carabiner with a gate rating of 3600 lbf. and meeting ANSI Z359.12 requirements. Bucket truck anchor points may vary by manufacturer, model or by year. One anchor point example is shown in Fig. 4. Anchor point locations for some vehicles may be shown by labeling similar to that shown in Fig. 5.
- Always ensure carabiner is properly attached to anchor and the gate closes completely and locks.
- A tag line may be attached to the bottom loop of the and for use on windy days.

Fig. 1



Fig. 2



Fig. 3

ladder to help steady it

- If additional ladder length is needed attach the top attachment loop of a second ladder to the bottom attachment loop of the first ladder using an approved carabiner with a gate rating of 3600 lbf. and meeting ANSI Z359.12 requirements.
- When climbing the ladder always use three points of contact, either two feet and one hand, or two hands and one foot.

## INSPECTION

Inspection should occur prior to each use of the ladder by the user and at a minimum of once a year by a competent person. Carefully inspect the ladder for indications of wear, deterioration or impact loading. The inspection should include, but not be limited to, inspecting for:



- webbing cuts, kinks, abrasions, burns, excessive swelling, excessive wear, discoloration, cracks, charring, broken fibers, chemical or physical exposures, loose stitching, and broken, cut or burned threads.
- Inspect connecting hardware to ensure component is free of cracks, distortion, corrosion, or nicks. And that the locking gate operates freely and smoothly and that the gate closes and remains closed, auto locks and stays locked until intentionally opened.
- Ensure gate is not bent, is free of burrs, not packed with snow or ice, and is clean and functioning properly.

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. for clarification. (1-800-937-2825)

## WARNINGS

- Read, understand, follow, and retain all instructions and warnings attached and/or packed with this product as well as all associated equipment before use.
- This product is intended for training purposes only to aid in the user climbing back into the bucket, it is not intended for fall arrest.
- A second ladder or a tag line may be attached to the bottom loop of the ladder, other than that, never attach fall arrest or any other equipment to the ladder.
- This equipment is intended for use by properly trained professionals only who have received instructions and training from a trainer qualified in teaching all aspects of rescue.
- Qualified instructors must understand the proper function and limitations of this system.
- It is the user's responsibility to obtain proper training from a qualified instructor.
- This product is designed to be used by a person with a maximum weight of 420 lbs. when fully equipped.
- As outlined by OSHA 1926.502 (e)(2) positioning devices shall be secured to an anchorage capable of supporting at least twice the potential impact load of an employee's fall or 3,000 lbf. (13.3 kN), whichever is greater versus fall arrest anchor points which must support a minimum of 5,000 lbf. (22.2 kN) per attached worker and be Independent of worker support.
- Anchor points must be OSHA compliant.
- Connect ladder to anchor point or ladder to ladder using only approved carabiners with a gate rating of 3600 lbf. and meeting ANSI Z359.12 requirements.
- 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. Inspect entire ladder to ensure there are no defects and it is in good condition. 2. Make sure the ladder is properly attached to an approved anchor point. 3. Perform an operational test while standing on the ground. With bucket slightly raised slowly transfer your body weight your bodyweight into the ladder to ensure it can support your weight.

- Never use this ladder where contact of the webbing with sharp edges, corners or abrasive surfaces are likely. Sharp and abrasive surfaces may include but not be limited to (sheet metal, steel, concrete, block, stone, laminated materials etc.)
- Use this product only in combination with compatible equipment.
- Equipment subjected to impact loading must be immediately removed from service, destroyed, and discarded.
- Always visually check that the carabiner freely engages the anchor point, and the keeper / gate is completely closed. Never rely on the feel or sound of a carabiner engaging.
- Be certain the carabiner is positioned so that its keeper / gate is never load bearing.
- Ensure loads applied to carabiners are directed in the proper orientation. Proper and improper loading techniques are shown below in Figure 4.
- Always use slow and controlled motions when climbing into the ladder.
- Never abruptly load the ladder by jumping, bouncing or sharply loading your weight into it.

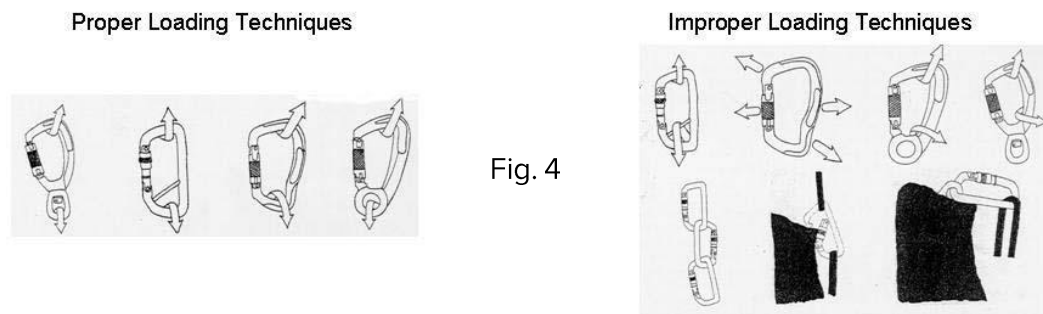


Fig. 4

- Never disable the locking mechanism on the 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.
- 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.

## STORAGE / MAINTENANCE

- Proper maintenance and storage of your equipment will prolong its useful life and contribute toward its performance.
- Nylon and polyester webbing should be cleaned with water and mild soap (a dish washing soap that removes grease (i.e. Dawn)) and be allowed to dry thoroughly without using excessive heat.
- The ladder should be stored and transported so that it does not come into contact with, but not limited to, moisture, ultraviolet rays, extreme temperatures, oil, chemical agents or their vapors or other degrading elements. Warnings pertaining to cleaning, storage and transportation should be strictly adhered to.
- Lubricate the carabiner at least weekly or as often as required to maintain smooth operation (no binding) with light weight lubricant such as BuckLube, WD-40®, Etc.

**NOTE:** Ensure proper fit / size of product before use. 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 the 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](http://www.buckinghammfg.com/register).

**BUCKINGHAM MFG. CO.**  
**BINGHAMTON, NY**  
**1-800-937-2825**  
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Information contained in these written instructions supersedes all other information (written, audio, video etc.) produced by Buckingham Mfg. prior to the revision date of this document.