

# BUCKINGHAM MFG.

## P/N 30342 LOCKING SNAPHOOK

P/N 30342 locking snaphooks covered by this document, when tested in accordance with ANSI Z359.12- (2019), have a minimum tensile strength of 5,000 lbf. in the intended direction of the load and gate and side load of 3600 lbf. The PN 30342 locking snaphook is manufactured from high quality alloy steel, and has approximate dimensions of 13" overall length, a 5 1/2" inside width and a 4" gate opening. Ensure to follow the criteria of OSHA 1926.502(d)(5) and (d)(6) when using this component.

### INSPECTION:

**THOROUGHLY INSPECT EACH SNAPHOOK BEFORE EACH USE TO ENSURE:**

- It is in good working condition
- Rivets have adequate head and are not loose such that function is compromised.
- Snaphook is not cracked, corroded or distorted, ensure the gate (keeper) does not bind and properly seats in the bill
- Gate (keeper) is not bent or distorted, ensure it properly seats in the bill.
- Gate (keeper) and lock mechanism are free of burrs.
- Gate (keeper) and lock mechanism and rivet attachment points are properly lubricated.
- Gate (keeper) rivet is properly seated / positioned in the rivet slot of the snaphook bill. (rivet should be centered and resting against snaphook body surface). (Fig. 1)
- Gate (keeper) and lock mechanism springs are properly seated and aligned.

Note: Snaphook must be inspected by a competent person, other than the user, at least annually.

### **Inspect each system component or subsystem according to the supplied manufacturer's instructions.**

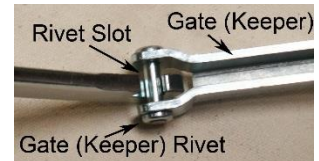
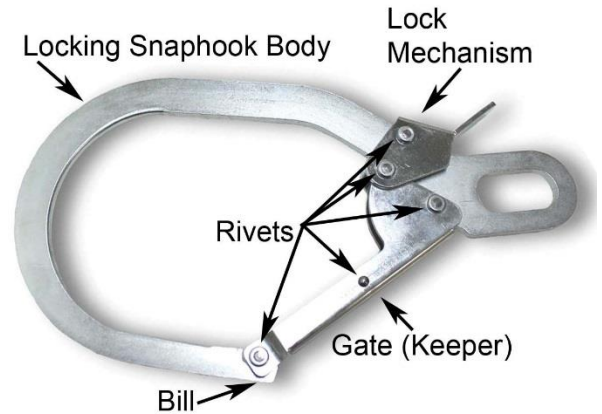
If inspection reveals a defective condition, remove the unit from service and destroy it, or contact an authorized service center for repair. Only Buckingham Mfg. Co. or those people authorized in writing by Buckingham Mfg. Co. may make repairs to this equipment. Product must not be altered in any way.

- ❖ LOCKING SNAPHOOKS FEATURE A SELF-CLOSING SELF-LOCKING MECHANISM WHICH REMAINS CLOSED UNTIL UNLOCKED AND PRESSED OPEN FOR CONNECTION OR DISCONNECTION.

- When the lock mechanism is not activated, the gate (keeper) should remain securely locked when depressed.
- Depress the lock mechanism. It should move downward easily and spring back to its original position without binding or sticking.
- Depress the gate (keeper) and lock mechanism simultaneously, checking for:
  - ease of movement — no binding
  - Gate (keeper) unlocks completely
  - Gate (keeper) opens completely, moves through its full range of motion smoothly, and returns to its original position within the bill.

### WARNINGS:

- Misuse / abuse of this product could lead to improper functioning with risk of injury!!! Never attempt to alter or modify a snaphook to bypass the lock mechanism!!!
- If this snaphook has been subjected to fall arrest or impact loading, it must be immediately removed from service and destroyed.
- When making a connection using this snaphook, the mating connector must be compatible in size and shape, as outlined in OSHA regulation 1926.502 (e)7, which states snaphooks shall be sized to be compatible with the member to which they are connected to prevent unintentional disengagement of the snaphook by depression of the snaphook keeper by the connected member, or shall be a locking type snaphook designed and used to prevent disengagement of the snaphook by the contact of the snaphook keeper by the connected member.



**Fig. 1**

- Improper loading directions can cause the hook to fail or the gate (keeper) to open, releasing the load. Only load snaphooks in the longitudinal direction as shown on the snaphook body and in (Fig. 3).
- Do not use as a tie back type snap (Fig. 4), load so that force will be applied to the gate (Fig. 5), or side of the snaphook (Fig. 6) or with the bill section in an undersized hole (Fig. 7).

**Fig. 2**

P/N 30342 XX/XX  
**Buckingham**  
 (5,000 lbf.) ⇄



**Fig. 3**



**Fig. 4**



**Fig. 5**



**Fig. 6**



**Fig. 7**



**Fig. 8**

- Do not use hooks that will not completely close over the attachment object.
- Do not install more than one snaphook or carabiner into a single connection ring or opening (except for emergency situations).
- Do not connect snaphooks or carabiners to objects or openings that may abrade or wear the hook material.
- When attaching snaphooks ensure the lock mechanism cannot come into contact and be accidentally depressed/disengaged by your body or foreign objects including but not limited to beams, structural members, cables, branches etc. as this will make it very susceptible to rollout.
- Do not attach step bolt type snaphooks into the eye of the 30342 Locking Snaphook as due to its size and shape, and if the fall arrest attachment point of your harness becomes parallel to and above the connection point at the 30342 Locking Snaphook, the potential for unintentional disengagement exists (Fig. 8).

Buckingham Mfg. is not responsible for subsystem assemblies we do not manufacture and used in conjunction with this component.

It is the responsibility of all users of this equipment to understand these instructions and to be trained in its correct installation, use, and maintenance. These individuals must be aware of the consequences of improper installation or use of this equipment. These instructions are not a substitute for a comprehensive training program. Training must be provided on a periodic basis to ensure proficiency of the users.

**Maintenance, Cleaning & Storage:**

LUBRICATE lock mechanism and gate (keeper) on both sides AT LEAST WEEKLY or AS OFTEN AS REQUIRED to maintain smooth operation (no binding) with light weight lubricant such as BuckLube, WD-40®, etc. A dirty product should be washed and rinsed in clean water, then dried. Do not store near solvents or corrosive chemicals or at extreme temperatures. Inspect your equipment carefully before use. This product should be stored in a clean and dry environment out of direct sunlight and away from extreme climate conditions. Ropes should be stored on racks or hooks to provide ventilation and should never be stored on concrete or dirt surfaces.

## 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](http://www.buckinghammfg.com/register).

**BUCKINGHAM MFG.**  
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1-800-937-2825  
[www.buckinghammfg.com](http://www.buckinghammfg.com)

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.