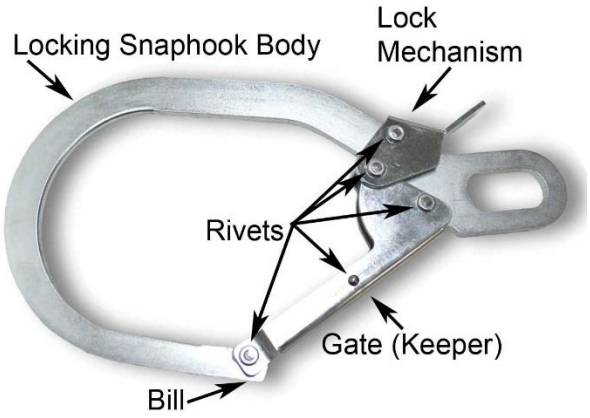
BUCKINGHAM MFG.

P/N 30342 LOCKING SNAPHOOK

P/N 30342 locking snaphooks covered by this document, when tested in accordance with ANSI Z359.12-(2009), have a minimum tensile strength of 5,000 lbf. in the intended direction of the load and gate and side load of 3600 lbf. 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.

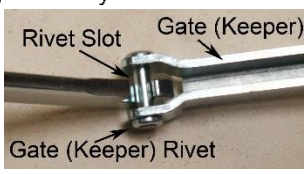


Fig. 1

- 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.

- 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

Fig. 3

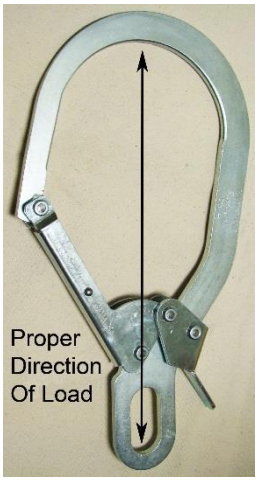


Fig. 4

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.

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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.