

# BUCKINGHAM MFG.

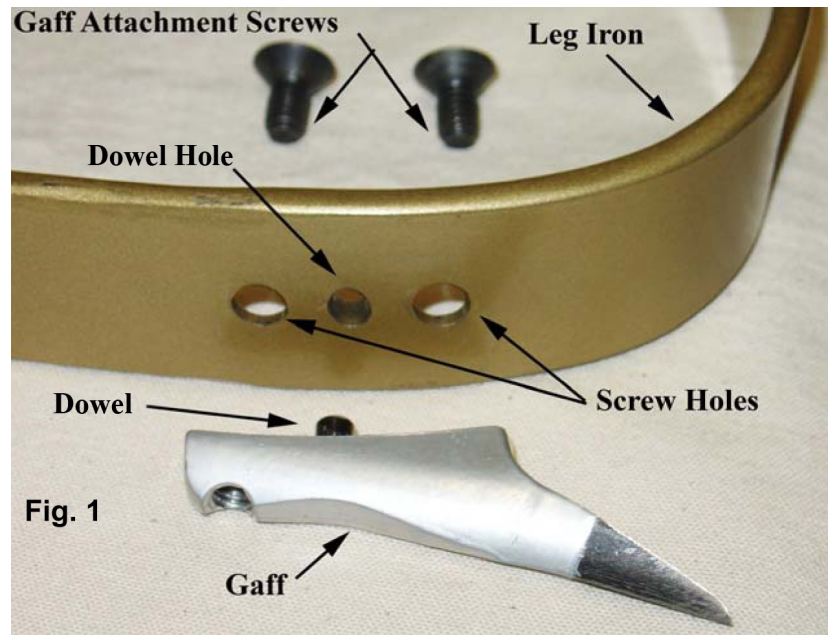
## GAFF REPLACEMENT INSTRUCTIONS (DOWEL & SCREW ATTACHMENT STYLE)

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.

Please consult with your physician prior to using this product. Do not use this product under the influence of drugs or alcohol.

### GAFF REMOVAL

1. Secure the climber such that the heads of the gaff attachment screws are facing you. Buckingham Mfg. recommends using a vise to secure. (Use protective jaw covers or small wooden blocks to prevent the climber from being marred).
2. With a 3/16" hex head wrench, loosen and remove the two gaff attachment screws. Remove the gaff from the opposite direction (see Fig. 1).
3. If gaff does not release from the leg iron, gently strike the gaff ridge approximately 1/2" from the tip on a soft surface such as a block of wood and remove. Ensure no damage is done to the leg iron or dowel hole. Discard the gaff and gaff attachment screws.



### GAFF INSTALLATION

- Notes:
- \* Ensure the Gaff dowel is securely seated in gaff prior to attaching to leg iron.
  - \* Steel and Titanium climbers require the use of two 5/16"-18 x **5/8" long** gaff attachment screws.
  - \* Aluminum climbers require the use of two 5/16"-18 x **7/8" long** gaff attachment screws.
  - \* **Gaff screws for steel & titanium versus aluminum climbers are not interchangeable.**

1. Press the gaff dowel into the dowel hole of the leg iron, properly orientate the gaff so the tip is facing the stirrup and align the screw holes of the gaff to the screw holes of the leg iron.
2. Insert the two included gaff attachment screws. Hand tighten the bottom gaff screw (nearest the gaff tip). Repeat hand tightening on the top gaff screw. Tighten using a 3/16" x 4" length Allen wrench (with maximum torque to achieve complete and maximum tightness, this method can yield Buckingham's 235-inch pound tightening recommendation for these screws). Note: use of a longer wrench can yield results exceeding the 235-inch pound recommendation and result in stripping and / or fracture of the screw head. Visually inspect to ensure screw heads are flush with the inside surface of the climber leg iron.

Gaff attachment screws should be replaced after the first time removed, but if re-using, apply a low to medium strength thread sealant (Loctite® or equivalent) to prevent the screws from loosening. Screws may not be removable if a permanent type of thread sealant is used.

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

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.