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1. Turn key until joint is firm. It requires very little tightening to lock joint. Overtightening is totally unnecessary and could damage the locking mechanism.

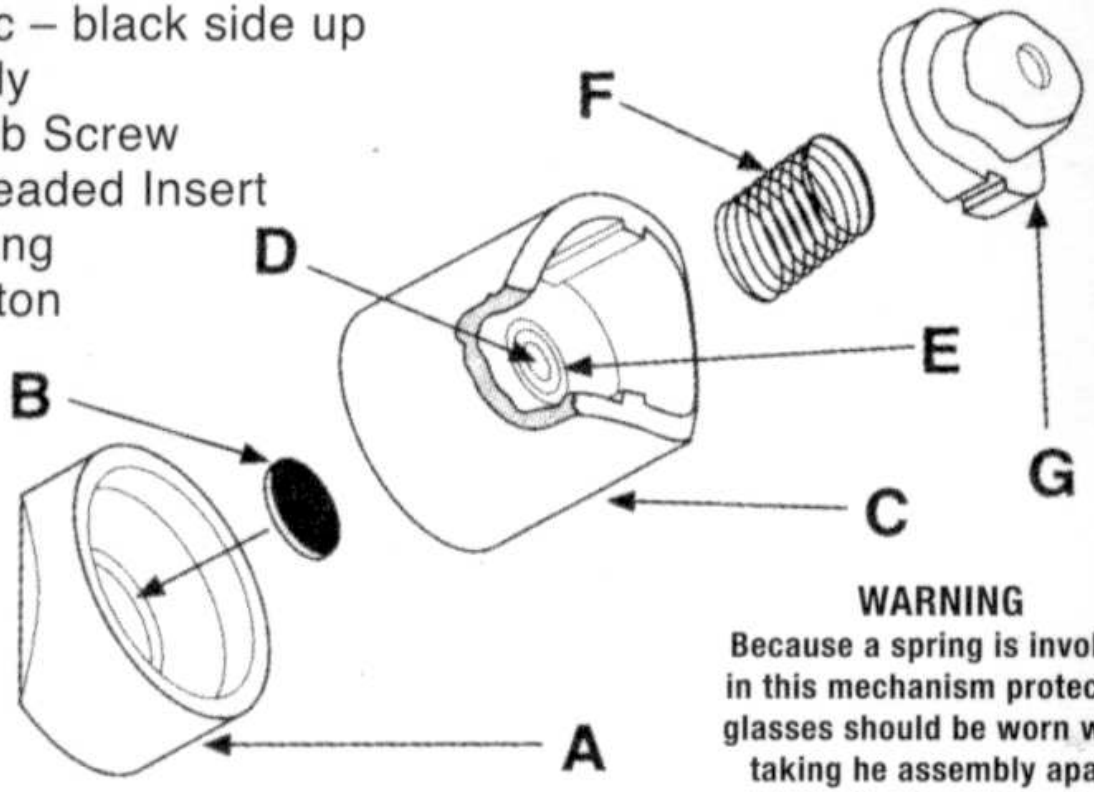
2. From locked position to release only requires approximately one turn of the key.

3. During use a small amount of water may enter the unfilled section of the tube. This is nothing to worry about and can be removed when the paddle is dismantled.

4. After use rinse all parts in fresh water. Sand and grit acts as a grinding agent and to maintain a good fit in all joints the spigots and inside of shaft must be kept clean.

Instructions for Cleaning & Replacing Parts in Paddlok Locking Mechanism

A – Base
B – Disc – black side up
C – Body
D – Grub Screw
E – Threaded Insert
F – Spring
G – Button



WARNING
Because a spring is involved in this mechanism protection glasses should be worn when taking he assembly apart.

The above diagram shows an exploded view of Paddlok system assembly.

To remove locking mechanism starting from locked position.

1. Insert key into grub screw socket and turn anti-clockwise approximately one turn of the key.
2. Take joint apart.
3. Depress key and, with small screwdriver or end of allen key through hole, push whole mechanism towards open end of spigot joint piece.
4. Before removing, a small polythene bag can be taped over end of tube to contain the parts which will spring apart if not held when released from tube.

5. Assemble mechanism as shown in diagram. Disc **must** have black side up and is placed in recess in bas where it can rotate freely. If, for any reason, it has not been marked then side with flash round edge must be up.
6. Before assembling check that grub screw is just projecting out of base of body (approx 1mm).
7. Assemble all parts as shown making certain that radiused side on base lines up with radiused side on body having double checked disc is in recess.
8. Depress button and slide into spigot joint in line with hole until button is located in same. If difficult to slide into spigot, grub screw may be sticking out too far – adjust accordingly.

Fault Finding

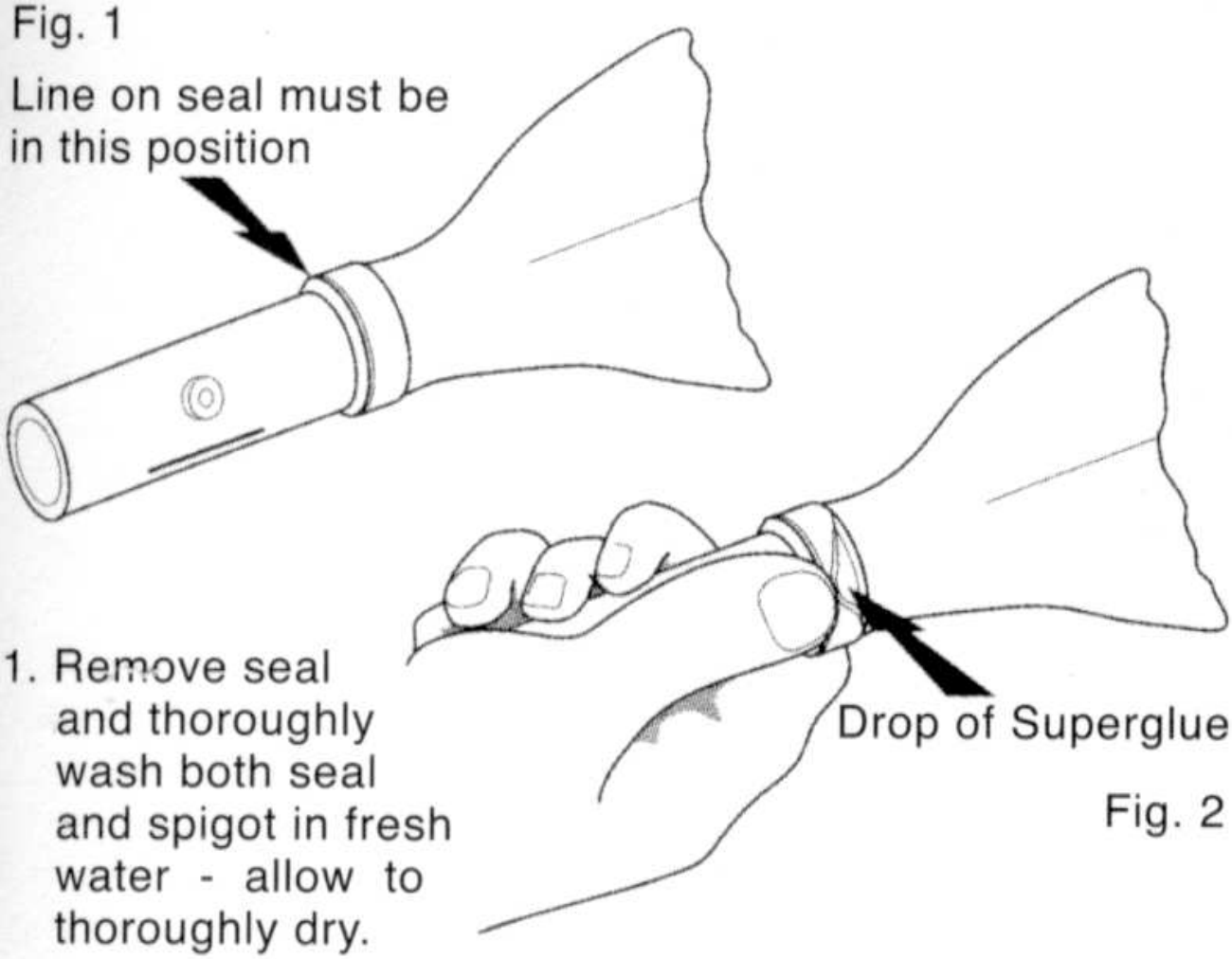
1. If button becomes "sticky" and is difficult to depress then sand or grit has probably entered through the hole in same. This can prevent button from being fully depressed and can also get between wall of body and button. To get rid of sand place joint under tap and irrigate well with water working button at same time. Whole assembly can be removed to clean thoroughly.
2. If after thoroughly rinsing in water button still cannot be fully depressed thus preventing the joint from being taken apart then the threaded insert – Part E – has probably been "jacked" out through overtightening. This can cause the spring to go "solid" before the button can clear paddle shaft. The only solution to this problem is to remove the spring. This can be achieved by enlarging the hole in the button carefully with a drill or sharp knife. Once the spring has been removed the assembly can be slackened and removed.

As with any mechanism immersed in salt water, regular maintenance and care are important. It is also worthwhile keeping some spare parts to allow repairs should it become necessary.

If key is lost a standard 3mm allen key will fit.

Reglueing Rubber Seal with Superglue

Fig. 1



1. Remove seal and thoroughly wash both seal and spigot in fresh water - allow to thoroughly dry.

Fig. 2

2. Push rubber seal onto spigot making certain line on outside is toward the spigot as shown in Fig 1.

3. Feed other edge of seal over neck of blade and push home.

4. Grip spigot as shown on Fig. 2 and using thumb pull back edge of seal as shown. Apply small drop of super glue onto spigot close to blade release fold and immediately push seal hard against champher at neck of blade. Repeat 2 or 3 times round spigot.

VariLok

Adjustable centre joint with Paddlok technology

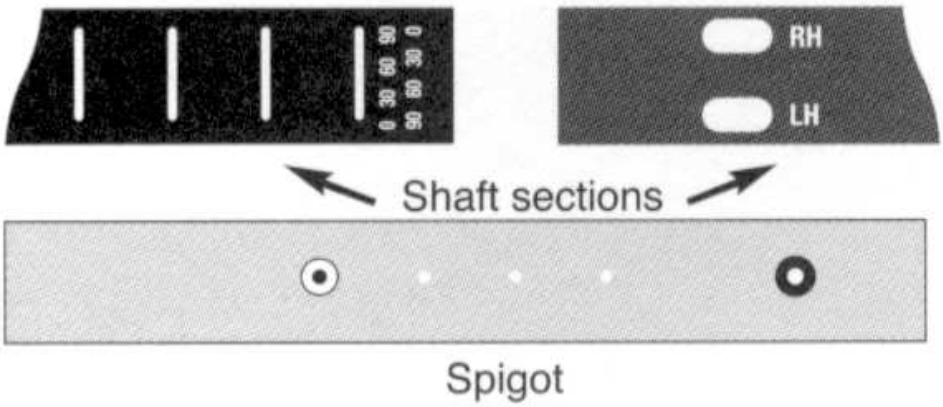
Length adjustment up to 5 cm

Angle adjustment RH 90° - LH 90°

Assembly (Fig 1)

Shows the complete VariLok system. There are 3 sections – 2 shaft pieces and a Spigot to join them. To assemble the shaft, fit the Spigot into the two shaft sections. The white button goes into the half with the crosswise slits. This section should be installed first, and lightly tightened with the Paddlok key. The black button goes into the end with the elongated lengthwise holes.

Fig. 1: The VariLok System



Angle Adjustment (Fig 2)

Use the black button to choose right (RH) or left (LH) control and lock with the Paddlok key. The angle can be set with the white button – simply rotate the slotted shaft section util the white index dot shows next to the desired angle. The scales are colour-coded to match the control selection. Lock the angle setting by tightening the white Paddok button.

Fig. 2: Angle Adjustment

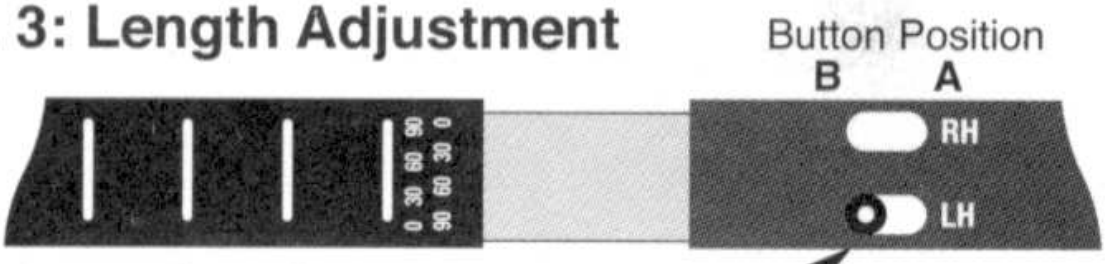
Set angle here
using appropriate scale

Set Right or
Left control here

Length Adjustment (Fig 3)

With the black button in position A, the crosswise slits give the base length, +2cm, and +4cm. To change length loosen the white button and slide the slotted half until the button shows in the slit you want, then tighten with the Paddlok key. To set length to odd numbered increments, loosen the Black button and slide it to the other end of it's elongated hole. This adds 1cm to any setting already locked in. The last crosswise slit (closest to the centre) is for reading angles, and is not a length adjustment slit. The Paddlok key will not fit through this slit.

Fig. 3: Length Adjustment



VariLok Benefits

¥ No obtrusive clamp
¥ Paddle can be dis-assembled while preserving angle setting (use the black button)
¥ Easy to operate with cold hands
¥ Proven performance of the Paddlok system
¥ Removing the centre spigot completely allows storage in the Paddlok Mini Bag
¥ Adjusts to any angle or length with its range