

# CREWFIT 150<sup>XD</sup>

# CREWFIT 275<sup>XD</sup>

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## Owners Manual

**IMPORTANT: PLEASE READ THIS MANUAL  
BEFORE USING YOUR CREWFIT LIFEJACKET**

### 150N LIFEJACKET

This level 150N lifejacket will give a reasonable assurance of safety from drowning to a person who, for whatever reason, is no longer capable of helping themselves fully. This level is intended for general application or for use with foul weather clothing. It will turn an unconscious person into a safe position and requires no subsequent action by the user to maintain this position. This jacket is suitable for offshore use.

### 275N LIFEJACKET

This level 275N lifejacket is intended primarily for offshore use under extreme conditions. It is also of value to those who are wearing clothing that traps air and which may adversely affect the self righting capacity of the lifejacket. It is designed to ensure the user is floating in the correct position with their mouth and nose clear of the surface.

### IMPORTANT INFORMATION

- Train yourself in the use of this device.
- Check before each use according to manufacturer's instructions.
- This jacket is not a PFD until fully inflated.



APPROVED BY :  
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**0598**

REGULATION (EU) 2016/425

ART0315i10



**Crewsaver®**

Model No: 1248



## GENERAL DESCRIPTION

The Crewfit 150N & 275N are easy to use and comfortable to wear with a minimum of 150N and 275N of buoyancy. The Crewfit 150N and 275N are available as Pro-Sensor Elite Manual/Automatic or Hammar hydrostatic. They are also available with an integral harness.

**Warning: May not be suitable for persons with disabilities**

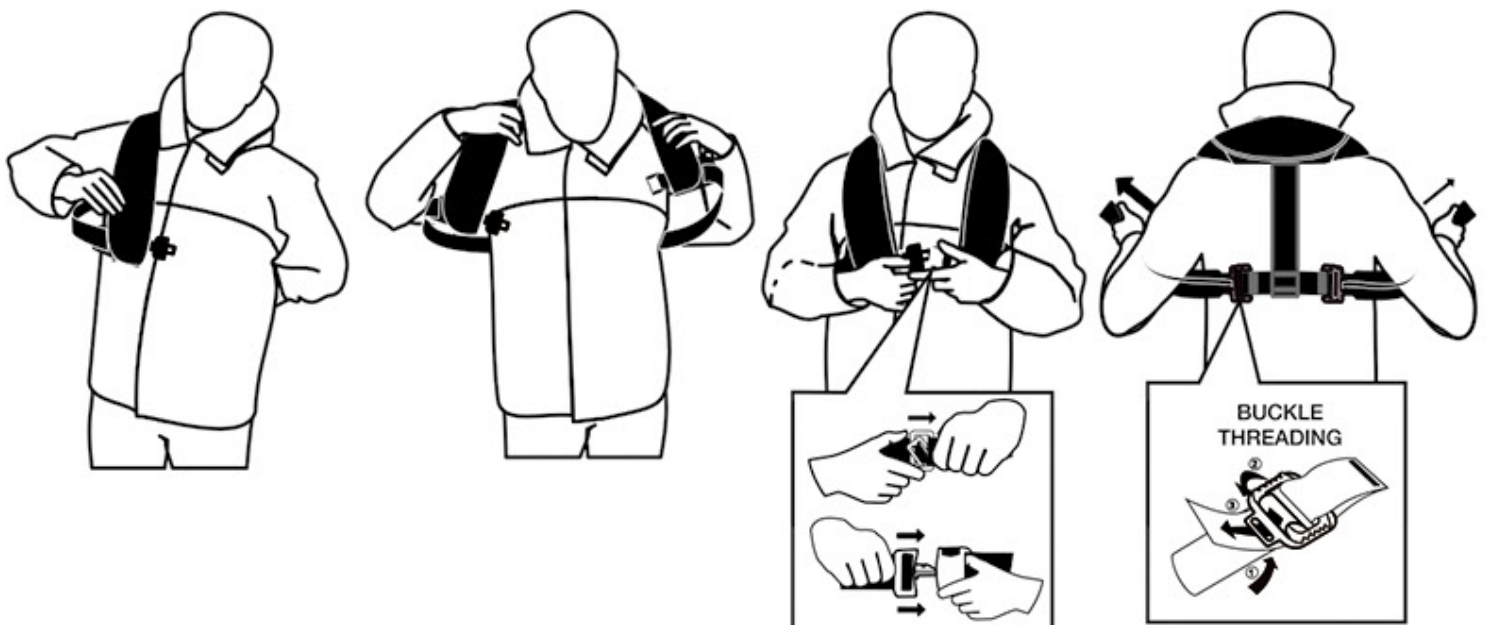
## PRODUCT FEATURES

- Symmetrical overlapping inflatable chamber with chin support to increase the optimum floating position
- Cover design provides a supreme shape and fit
- 150N Approved to BS EN ISO12402-3
- 275N Approved to BS EN ISO12402-2
- Universal adult size. Weight >40kg Chest 60-175cm
- Crotch straps can be retro fitted
- Supplied with an approved lifejacket whistle
- Harness option approved to BS EN 12401

## DECK SAFETY HARNESS BS EN ISO 12401

On a lifejacket with harness, the waist-belt is replaced by a harness belt secured with an interlocking stainless steel buckle. The harness belt should fit across the chest and be adjusted to a tight comfortable fit.

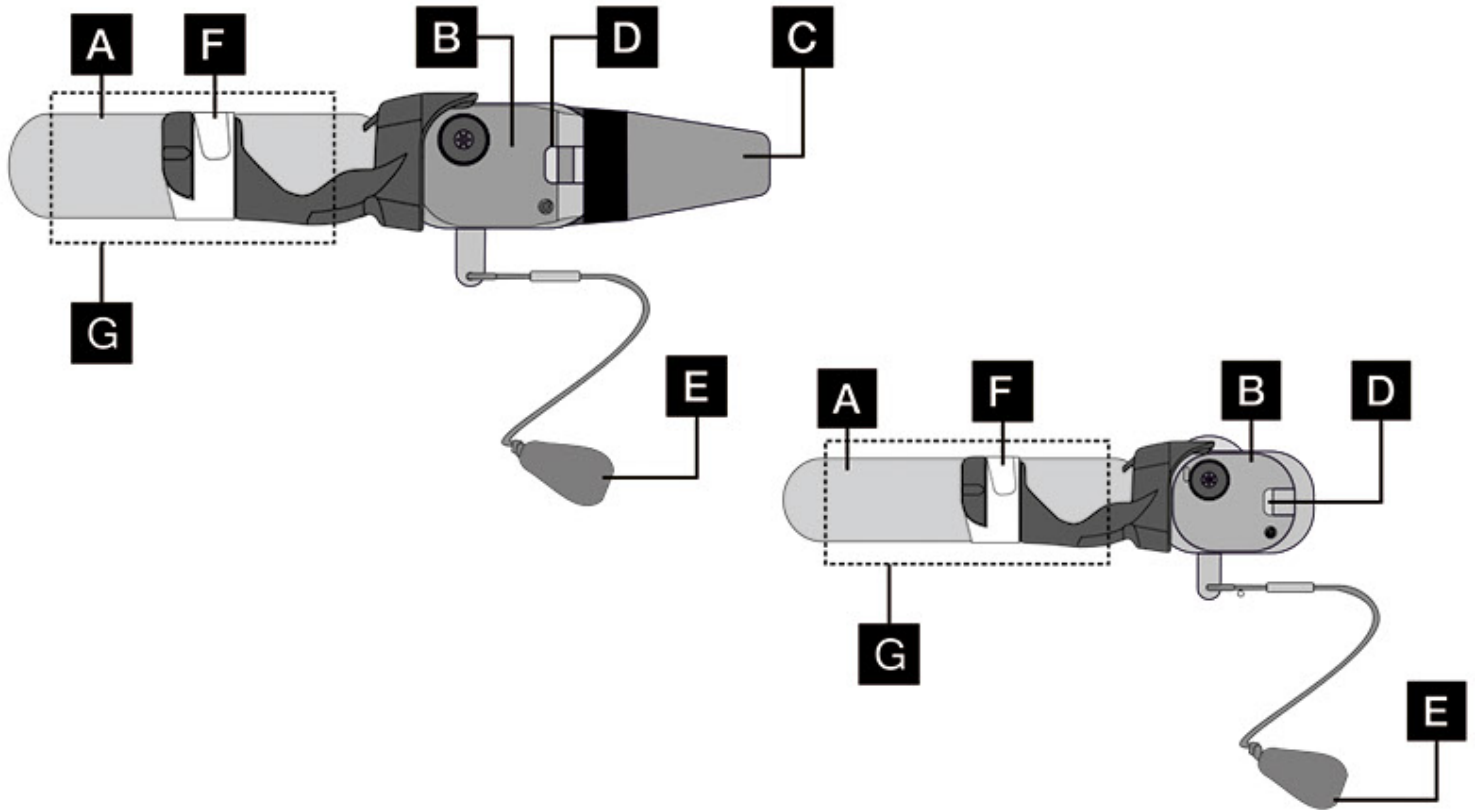
## DONNING YOUR LIFEJACKET



## KNOW YOUR INFLATION MECHANISM TYPE

### PRO-SENSOR ELITE:

- 1 Check that the automatic firing capsule (C) is screwed fully onto the operating mechanism (B). Ensure that the capsule (C) has not been fired inadvertently by checking that the bottom indicator shows green (D). Also check the expiry date on the side of the capsule. Do not use a capsule that is out of date.
- 2 Check the 38g/60g CO<sub>2</sub> cylinder (A) is securely screwed into the operating mechanism with EXOLOK Mechanism and label (F) and fit Mesh Sleeve (G). Check that the top indicator (D) shows green.
- 3 Ensure toggle (E) is easily accessible.

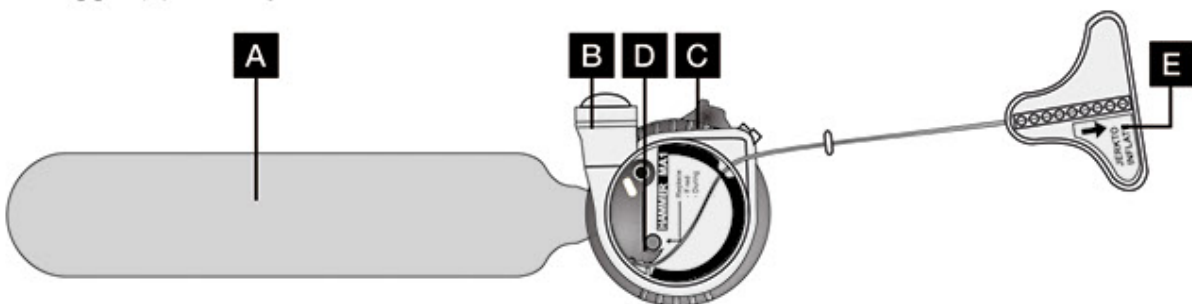


**AUTOMATIC**  
On an automatic model, unscrew and remove the automatic capsule first

**MANUAL**

### HAMMAR AUTOMATIC

- 1 Check that the indicator on the cap is green (D) that the pull to inflate lanyard (E) is present and that the locking ring (C) is locked. When the locking ring is locked (C) it cannot be turned counter clockwise by hand. Check the expiry date on the front of the cap (B). Do not use a cap that is out of date.
- 2 Check the 38g/60g CO<sub>2</sub> cylinder (A) is securely screwed into the inflator body by feeling through the fabric.
- 3 Ensure toggle (E) is easily accessible.

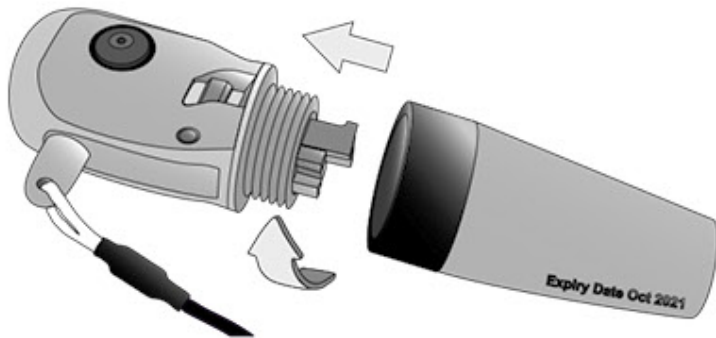


**HAMMAR AUTOMATIC**



## RE-ARMING PRO-SENSOR ELITE OPERATING MECHANISMS

Always re-arm your lifejacket ready for use before you stow it away. The operating mechanism must be thoroughly dried before re-arming. When re-arming your lifejacket it is important you use only Crewsaver supplied components. For your nearest supplier contact Crewsaver or see [www.crewsaver.com](http://www.crewsaver.com)



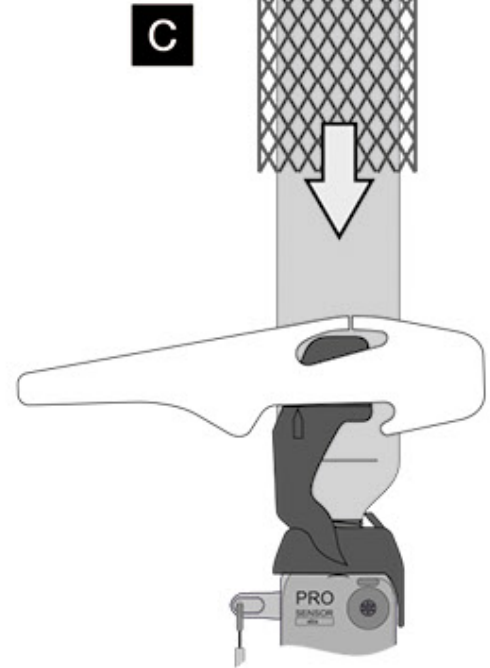
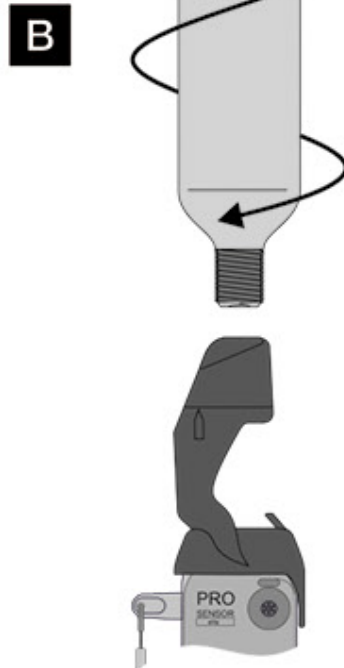
**AUTOMATIC ONLY** Take the new automatic firing capsule and screw onto the operating mechanism in a clockwise direction. Screw tightly ensuring there is no gap between the capsule and the base of the operating mechanism. The bottom indicator will turn green when the capsule is tightened correctly.

### AUTOMATIC

**AUTOMATIC AND MANUAL** Check that the cylinder-sealing gasket in the end of the operating mechanism has been correctly fitted, or replaced if necessary. Check the new CO<sub>2</sub> cylinder has not been used. Fit EXOLOK mechanism (A) and screw cylinder into the main body in a clockwise direction (B). Ensure the cylinder is screwed right down and hand tighten. The top indicator will turn green when the cylinder is tightened correctly. Secure with EXOLOK label (C) then fit mesh sleeve.



Cylinder sealing O-Ring



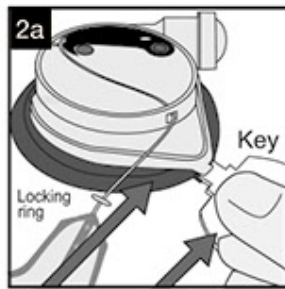
The operating mechanism is now rearmed. Both Indicators should show green. Do not use if either indicator is red. See [www.uml.co.uk](http://www.uml.co.uk) for more details on the UML Pro-Sensor Elite mechanism.



**WARNING:** If you are unsure or have any doubt how to re-arm and repack your lifejacket return the product to Crewsaver or your nearest Crewsaver service agent.

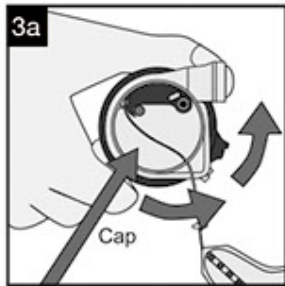
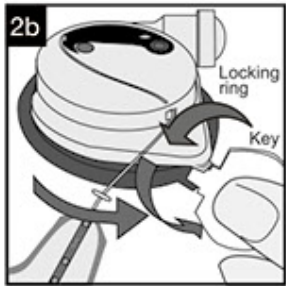


## RE-ARMING YOUR HAMMAR OPERATING HEAD



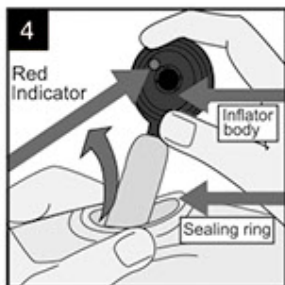
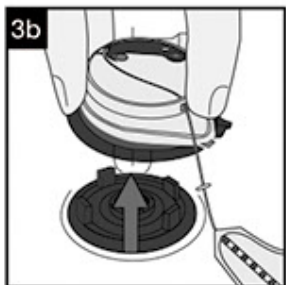
1 Place the lifejacket on a smooth, flat surface and wipe off any water. Hold the gas cylinder through the fabric, using one hand.

2 Insert metal key as shown in (2a) and turn the key counter clockwise (2b) between black locking ring and labeled yellow cap. The black locking ring will now turn counter-clockwise.



3 Now turn back locking ring counter-clockwise (3a) and lift the cap off (3b).

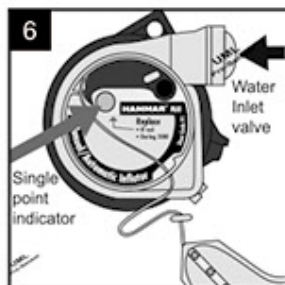
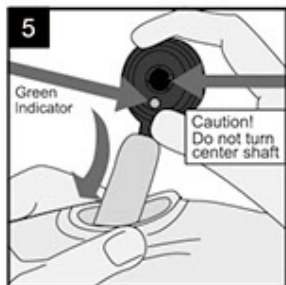
4 Squeeze the sealing ring to elongate and remove the inflator body through. Dispose of the used inflator body in an environmentally approved manner.



5 Check that the indicator is green. Insert new inflator body with gas cylinder pointing upwards inside the lifejacket. Let the sealing ring rest on the inflator body around the four lugs.

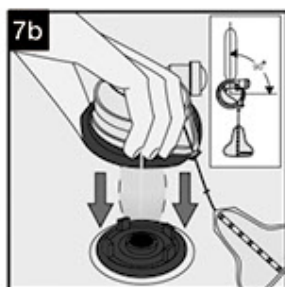
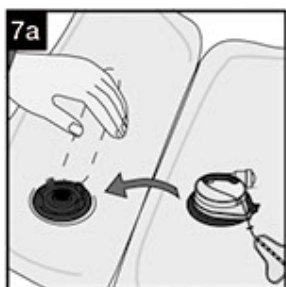
6 Now check the new manual/automatic cap as follows:

1. Single point indicator is showing green
2. Expiry date is in date



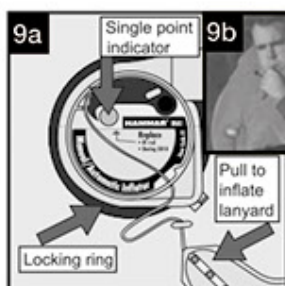
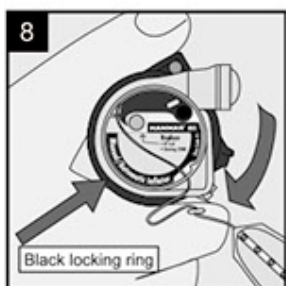
If YES is the answer to both these questions, then proceed as follows. If NO, then a new capsule is required.

7 Hold the gas cylinder through the fabric of the lifejacket (7a). Position the replacement cap with the water inlet valve pointing to the right (7b) and press it FIRMLY onto the inflator body and sealing ring.



8 While pressing FIRMLY onto the inflator body turn the black locking ring clockwise into the locked position. Pull on the cap to make sure it has locked onto the inflator body.

9 To see that the indicator on the cap is green; that the pull to inflate lanyard is present and that the locking ring is locked. (9a) When the locking ring is locked, it cannot be turned counterclockwise by hand. If your lifejacket has been used and/or the hammar inflator replaced, always inflate the jacket through the oral tube (9b) and check that it stays inflated at least overnight. If the lifejacket fails the inflation test contact your nearest Crewsaver service station for further check. Empty the lifejacket again by pushing in the non-return valve in the top of the oral tube and press out ALL RESIDUAL AIR from the bladder, so that the jacket may be folded properly. Let the lifejacket dry before packing. When not in use always store your lifejacket in dry and well ventilated space.





## OPENING THE LIFEJACKET COVER

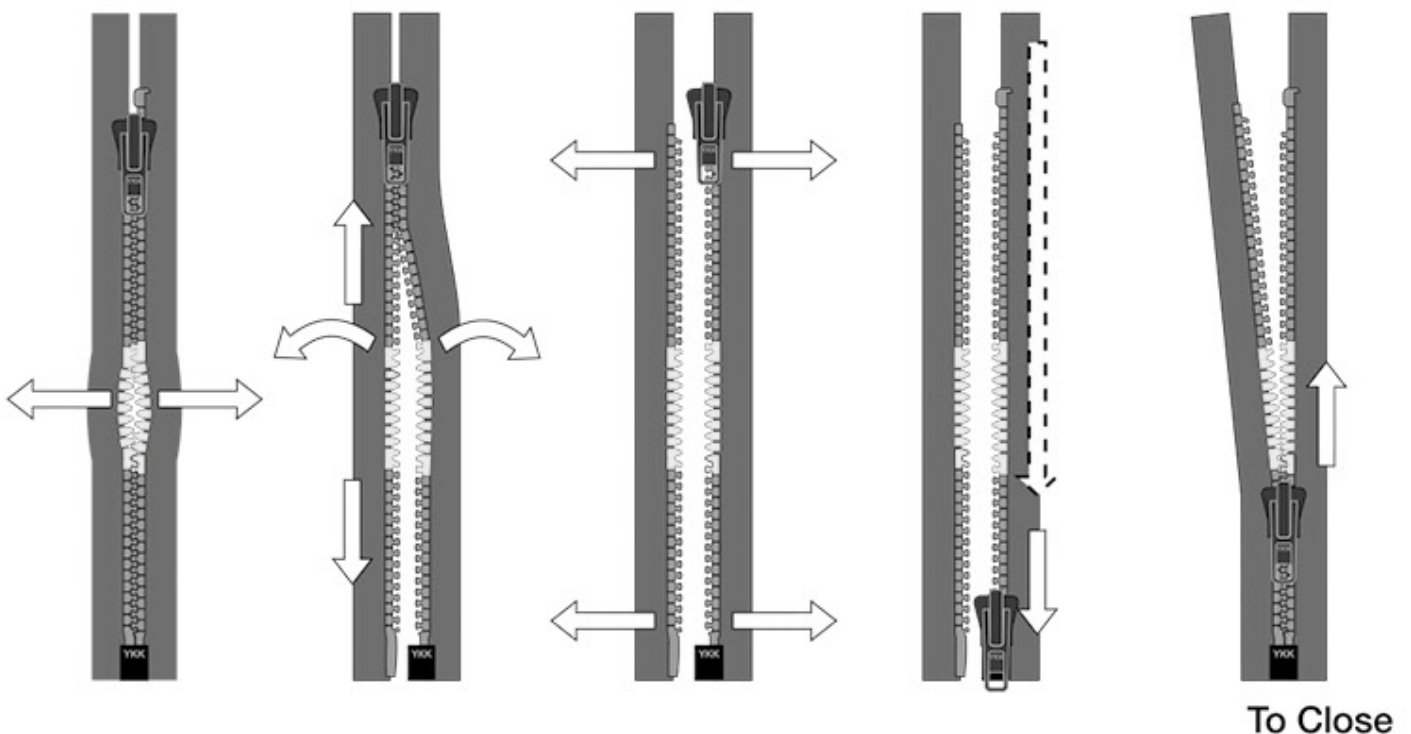


- 1 Open the velcro tab.
  - 2 To avoid damaging your lifejacket zip, pull apart the zip, open the zip via the quick burst elements, holding the cover either side.
  - 3 Once the zip has opened, insert your finger and slide it around the lifejacket. Undo the zip all the way around the outside of the lifejacket. The lifejacket cover should now be open and the inflation chamber visible. Fully separate the zip. Both sides of the zip should be apart, with the zip slider free to move back around the lifejacket to the start.
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## PREPARING ZIP FOR RE-PACKING

- 1 Ensure that the zip slider is separated on one side.
- 2 Slide the zip around to the right side of the jacket as worn.
- 3 Feed the zip teeth into the slider ready to re-pack.

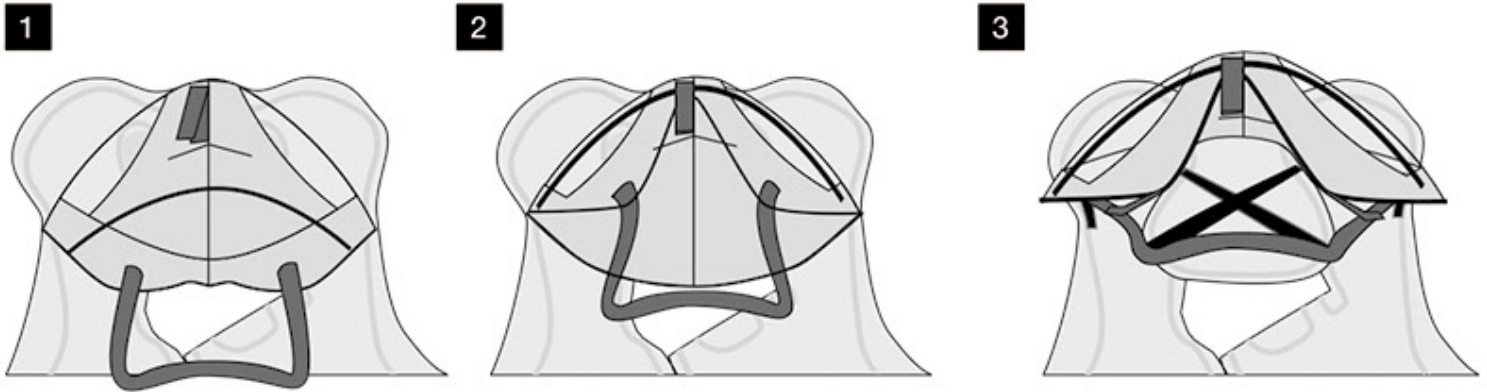
### To Open



## REPACKING YOUR CREWFIT 150N LIFEJACKET WITH HOOD

(Refer to Care and Maintenance for details on storing and cleaning your lifejacket)

- 1 Lay hood out so top seam with velcro retainers lays flat and straight.
- 2 Gather tubing and excess visor up and secure with Velcro retainers.
- 3 Concertina hood so it lays flat against edge of the chamber. Affix velcro tabs on webbing to velcro retainers on chamber. Ensure webbing puller lays over the chamber collar.



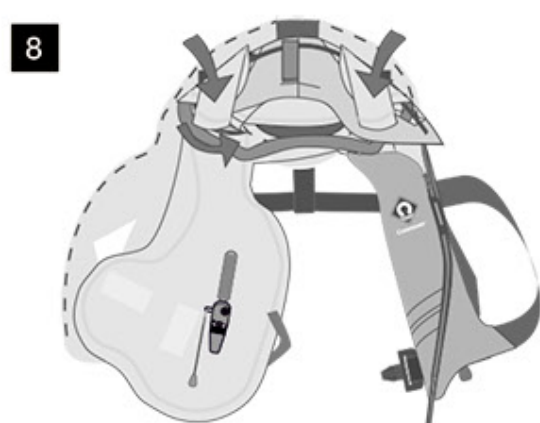
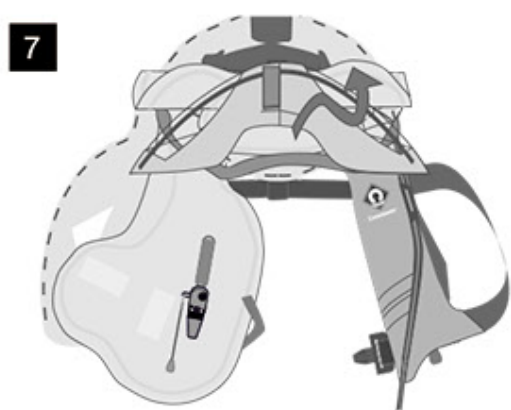
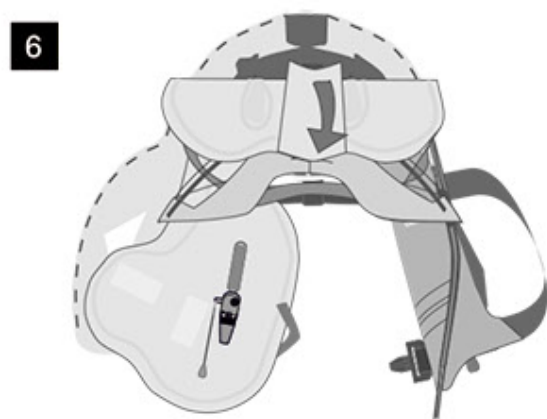
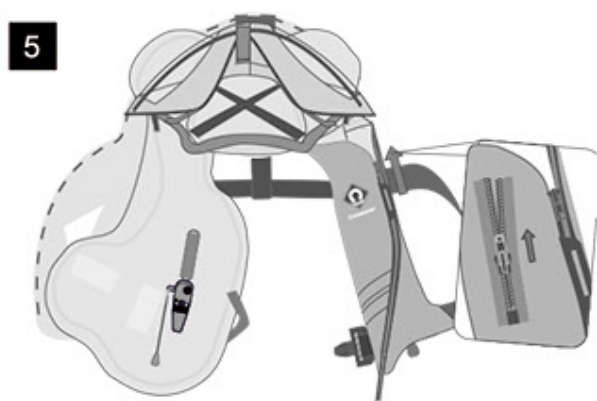
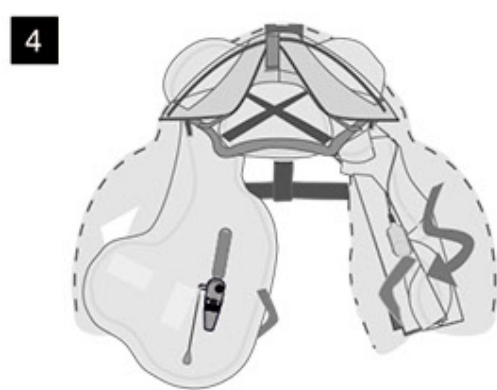
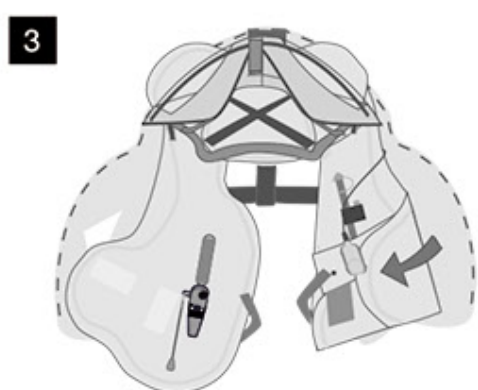
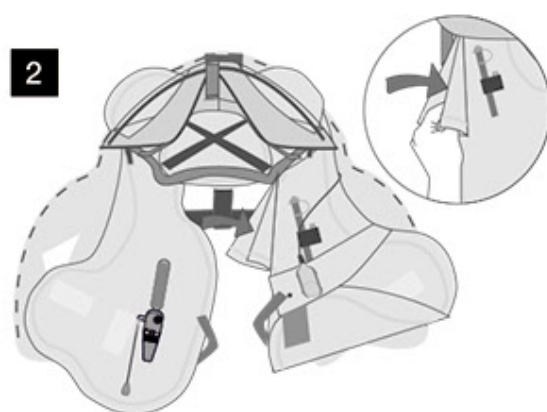
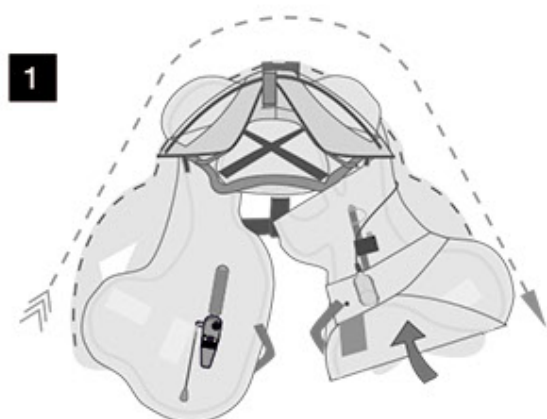
## REPACKING YOUR CREWFIT 150N LIFEJACKET

Ensure that your lifejacket is completely dry before packing.

(Refer to Care and Maintenance for details on storing and cleaning your lifejacket)

- 1 Fold the bottom right edge of inflator up as far as it will go.
- 2 Fold chin support in on itself.
- 3 Fold outer edge over towards the centre as far as it will go. Take care not to tangle light cord or hood webbing.
- 4 Concertina inner right edge over to fit.
- 5 Tuck everything inside cover and close cover using zip from the right side, fixing the velcro burst tab as you go.
- 6 Fold chamber collar down as far as it will go.
- 7 Fold the top edge back to make a concertina with the hood laying on top.
- 8 Fold top corners of collar down and tuck hood in.
- 9 Concertina bottom left side of chamber. Ensure capsule lays on top of the fabric.
- 10 Fold outer left side of chamber over towards the centre. Being careful not to tangle the pull cord.
- 11 Fold the inner edge of the chamber over towards the outside.
- 12 Ensure pull cord is accessible. Roll the inner edge over so that the firing mechanism lays on top.
- 13 Tuck everything inside cover and close cover using zip from the left side, fixing the velcro burst tabs as you go.
- 14 Ensure firing mechanism is visible through the window.

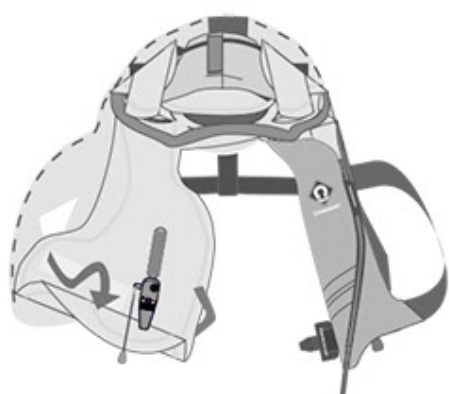
## REPACKING YOUR CREWFIT 150N LIFEJACKET



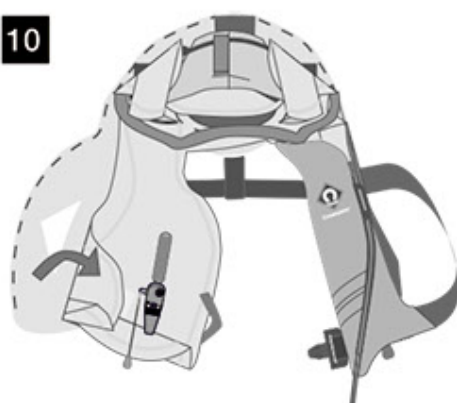


## REPACKING YOUR CREWFIT 150N LIFEJACKET

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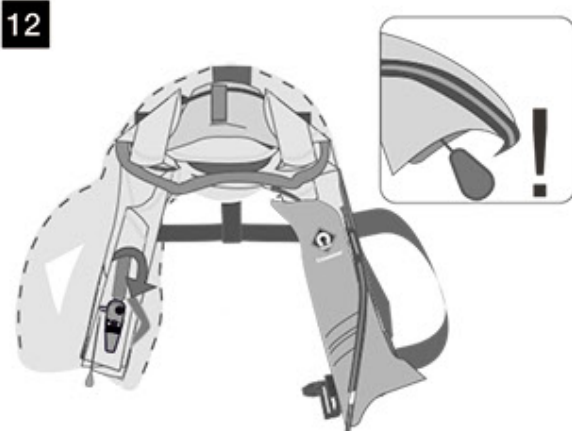
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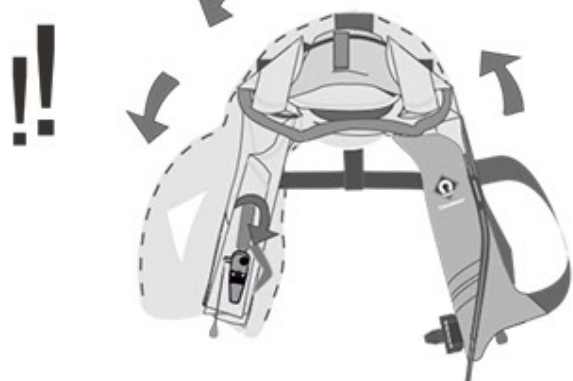
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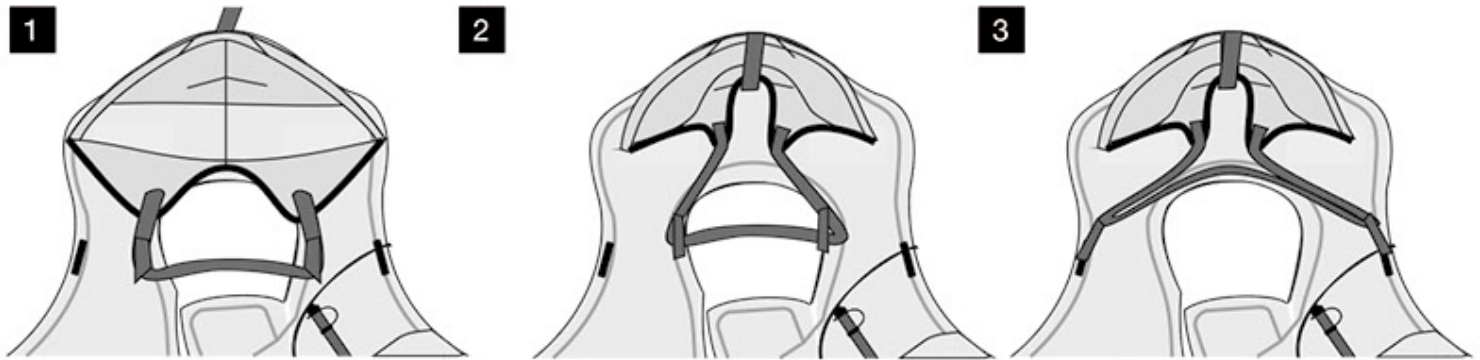
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## REPACKING YOUR CREWFIT 275N LIFEJACKET WITH HOOD

(Refer to Care and Maintenance for details on storing and cleaning your lifejacket)

- 1 Lay hood out so top seam with velcro retainers lays flat and straight.
- 2 Gather tubing and excess visor up and secure with Velcro retainers.
- 3 Concertina hood so it lays flat against edge of the chamber. Affix velcro tabs on webbing to velcro retainers on chamber. Ensure webbing puller lays over the chamber collar.



## REPACKING YOUR CREWFIT 275N LIFEJACKET

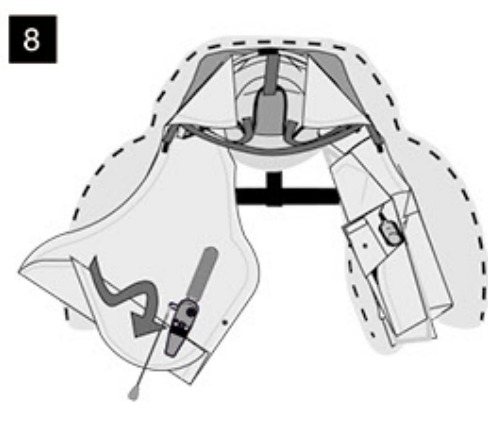
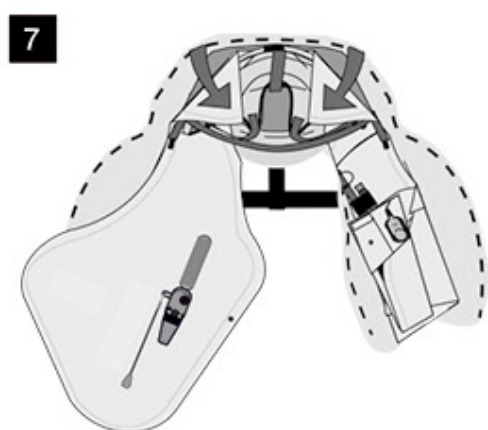
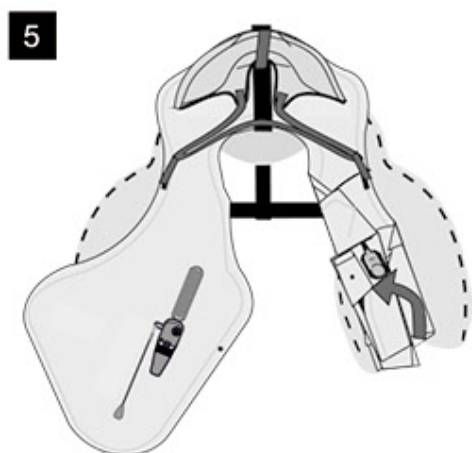
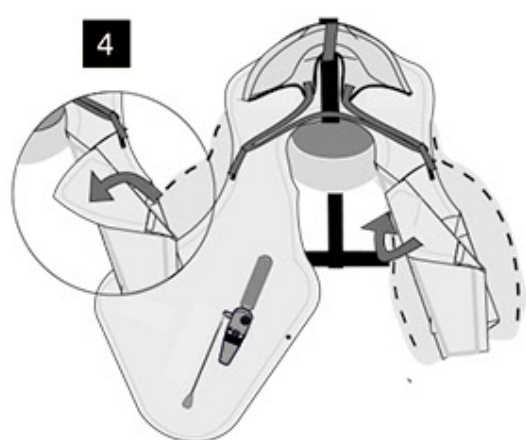
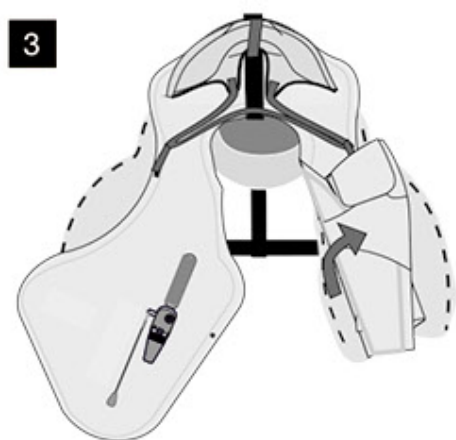
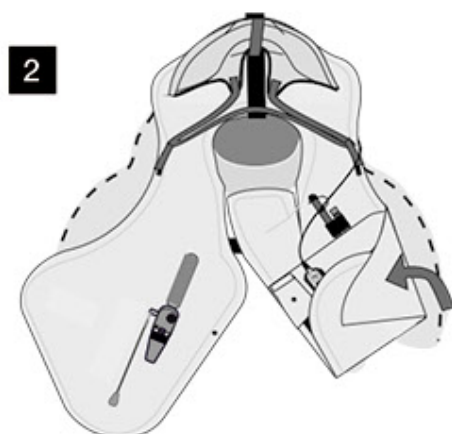
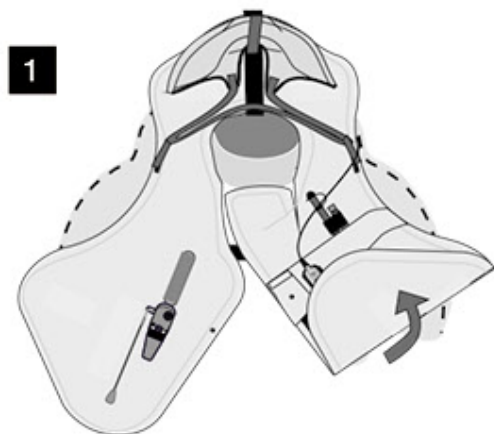
Ensure that your lifejacket is completely dry before packing.

(Refer to Care and Maintenance for details on storing and cleaning your lifejacket)

- 1 Fold up bottom right side of chamber.
- 2 Fold outer right side of chamber over towards the center.
- 3 Fold the inner edge of the chamber over towards the outside.
- 4 Fold back chin support and roll underneath folded chamber.
- 5 Fold over excess chamber bringing light to the top.
- 6 Concertina the collar with two folds. The hood should lie on top (if fitted)
- 7 Fold top corners of collar down and tuck hood in. Take care not to tangle light cord or hood pull webbing.
- 8 Concertina bottom edge of chamber. Firing capsule should lie on top.
- 9 Fold outer edge of chamber in towards the centre.
- 10 Fold inner edge over as far as it will go.
- 11 Roll excess back on itself so the firing mechanism is on top.
- 12 Tuck everything inside the cover and close cover using zip from the right hand side, fixing velcro burst tabs as you go.
- 13 Tuck hood in. Take care not to tangle light cord or hood webbing.
- 14 Ensure firing mechanism is visible through the window.

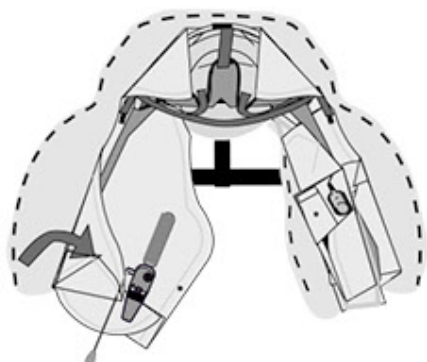


## REPACKING YOUR CREWFIT 275N LIFEJACKET CONTINUED

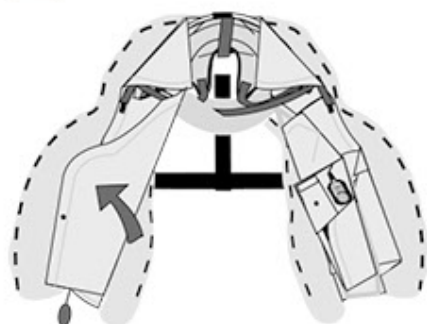


## REPACKING YOUR CREWFIT 275N LIFEJACKET CONTINUED

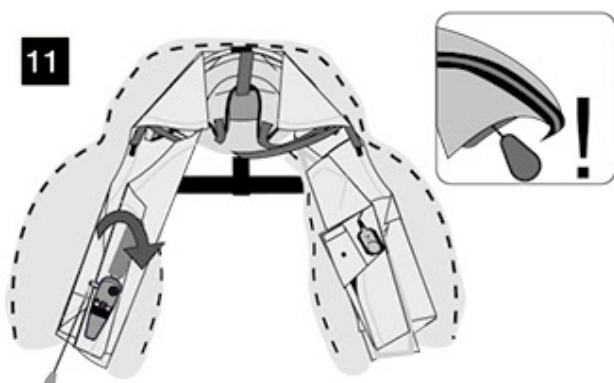
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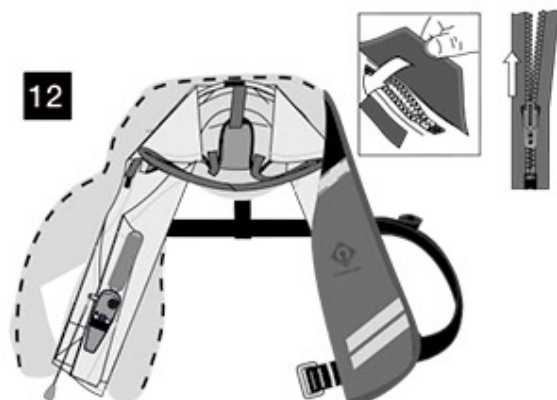
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## CARE & MAINTENANCE OF YOUR LIFEJACKET

Your lifejacket is an important item of technical safety equipment. The working life of the lifejacket will be prolonged if the following instructions are adhered to:

- Check that both status indicators are displaying green
- Check the expiry date, if any items have expired they **MUST** be replaced before use.

**(Refer to Re-arming your lifejacket)** for details on how to fit a new capsule

- Ensure a fully charged cylinder is tightly fitted
- Ensure that the manual pull toggle is accessible

### IF A RED INDICATOR SHOWS, CHECK THE FOLLOWING ITEMS:

- Ensure a fully charged cylinder is tightly fitted.
- Ensure an automatic capsule is tightly fitted (on Elite Pro-Sensor Automatic)
- Check that the expiry date has not passed and check that there is a plate in the base of the capsule. If there is no plate and a red dot is visible the capsule has been fired and must not be used. See re-arming your lifejacket for how to fit a new capsule onto your operating mechanism.
- Ensure that the manual pull toggle is accessible.

### AFTER USE (if Inflated)

- Rinse your lifejacket after use. **(Refer to Cleaning & Storing Your Lifejacket)**
- Re-arming your lifejacket. **(Refer to Re-arming Your Lifejacket)**

### PERIODICAL CHECKS

- A complete inspection of your lifejacket is to be carried out every three months.
- Check the fabric for cuts, tears, abrasion and signs of damage caused by heat.
- Leak testing is an important part of the periodical checks. Inflate your lifejacket orally until firm. Leave overnight or for a minimum of 12 hours. A lifejacket that is leaking will not hold its firmness and must be replaced. Re-pack your lifejacket using the repacking instructions in this manual.

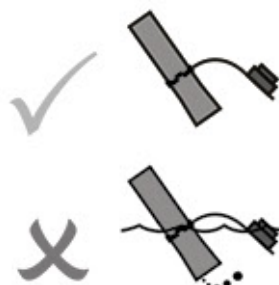
**NOTE: Avoid wide variations in temperature when performing this test. Temperature variation can cause the inflatable chamber to lose firmness.**

Examine the lifejacket for signs of damage, wear and tear or contamination. Pay particular attention to the webbings and the stitching on your lifejacket.

### Perform the oral inflation valve test as follows:

- 1 Fully inflate the lifejacket
- 2 Place the oral tube into water and check for bubbles
- 3 If bubbles appear a replacement valve is required.

- Check the expiry date on the automatic firing capsule. If it has expired it should be replaced.
- Courses and training in lifejacket care & maintenance are available on request.



**WARNING:** If you are not confident in self-inspection of your lifejacket using these instructions, refer to your closest Crewsaver approved service station for details. Crewsaver approved service stations can be found via our website: [www.crewsaver.com](http://www.crewsaver.com)



## CLEANING & STORING YOUR LIFEJACKET

It is important that the lifejacket is stored in a dry, well ventilated space. If the lifejacket is wet or damp, and it is fitted with an automatic firing capsule, it is advisable to remove the capsule until the lifejacket is completely dry. Any dampness to the lifejacket may penetrate the capsule and eventually cause it to operate the lifejacket. To avoid inflation, do not submerge the lifejacket in water unless the lifejacket has been used or the capsule has been removed.

Periodically rinse the lifejacket in fresh water, particularly if it has been in contact with salt water. Oil and similar marks should be removed by washing with warm soapy water.

Never put your lifejacket in a washing machine, spin or tumble dryer, after washing always allow your lifejacket to dry naturally before stowing in a dry place.

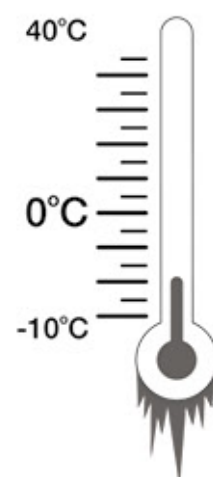
After washing always allow your lifejacket to dry naturally before stowing in a dry place. Ensure lifejacket is left open fully when drying.

## OTHER IMPORTANT INFORMATION

Your new Crewfit 150N/275N has been tested to meet a temperature range between  $-10^{\circ}\text{C}$  and  $40^{\circ}\text{C}$  as required by BS EN ISO 12402.

- When the temperature is well below freezing, your lifejacket may operate much slower than normal and at very low temperatures a fully discharged cylinder may not adequately inflate your lifejacket. In these temperatures the oral tube should be used for additional topping up if necessary
- This lifejacket is not a PFD until fully inflated. Full performance may not be achieved using certain clothing or other circumstances. Certain circumstances will alter performance, such as waves or the wearing of garments which provide additional buoyancy. The buoyancy provided by the jacket can be affected if heavy objects are carried in the pockets.
- A whistle is located on the inside right inflation chamber. Six long blasts repeated at intervals is the international distress signal.

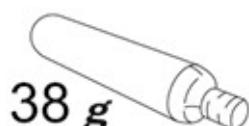
### Operating Range



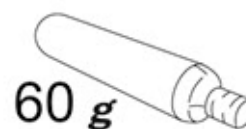
**WARNING: Inflating your lifejacket using  $\text{CO}_2$  inflation could over pressurise and damage your lifejacket if it has already been orally inflated fully. Do not use as a cushion or in any other way likely to cause damage.**



**WARNING: This lifejacket is inflated by a  $\text{CO}_2$  gas cylinder. Gas cylinders are dangerous goods, and they must be kept away from children and not misused.**



38 g



60 g

38g FOR USE WITH 150N LIFEJACKETS

60g FOR USE WITH 275N LIFEJACKETS



## TESTING YOUR LIFEJACKET

### Practice and training are required before use.

In an emergency, there is no time to learn how equipment works. Crewsaver recommend that you try your lifejacket to ascertain its performance before general use. This will also help you to familiarize yourself with the product.

When trying out your lifejacket, remember that you may need replacement parts or rearming kits to get your lifejacket ready for use again.

If you are a weak swimmer it is strongly recommended that you use an automatically operated lifejacket or an inherently buoyant device.

**STEP 1:** Put on your lifejacket by following the donning Instructions.

**STEP 2:** Stand in shallow water or in a swimming pool, ensuring that the water is just deep enough for your head to be above the water's surface.

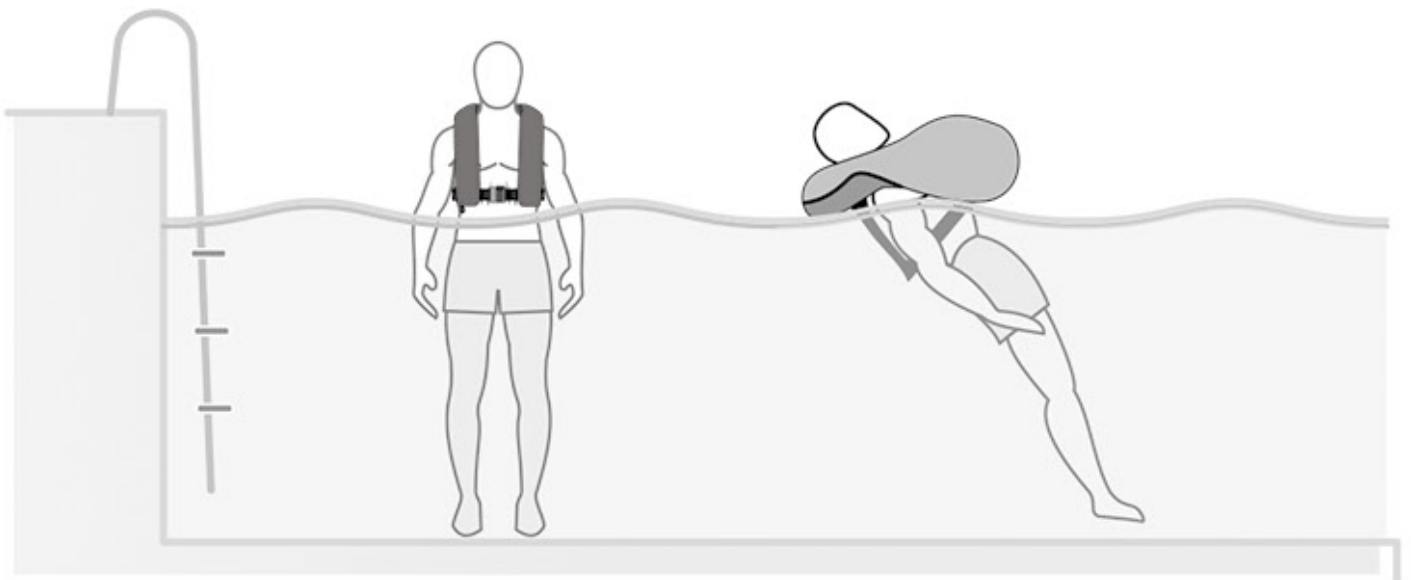
**STEP 3:** Inflate your lifejacket, this can be done the following ways.

**Automatically:** If the lifejacket is an automatic operating head it should fully inflate within five seconds of water contacting the automatic firing capsule. This activates the operating mechanism and releases the CO<sub>2</sub> cylinder into the lifejacket. (On hammar jackets the hammar cap must be at least 20cm below the surface of the water).

**Manually:** The lifejacket can be activated manually by a sharp downward pull on the pull toggle. The lifejacket should fully inflate within 5 seconds.

**Oral Inflation:** If you are using an automatic lifejacket ensure that the automatic firing capsule has been removed before entering the water. Open the lifejacket cover and locate the oral inflation tube, remove the cap and blow into the tube.

Once inflated see how the lifejacket holds you in the water, noting the position that it holds you in with your mouth well clear of the water's surface and your body at an angle.



## TESTING YOUR LIFEJACKET (CONTINUED)

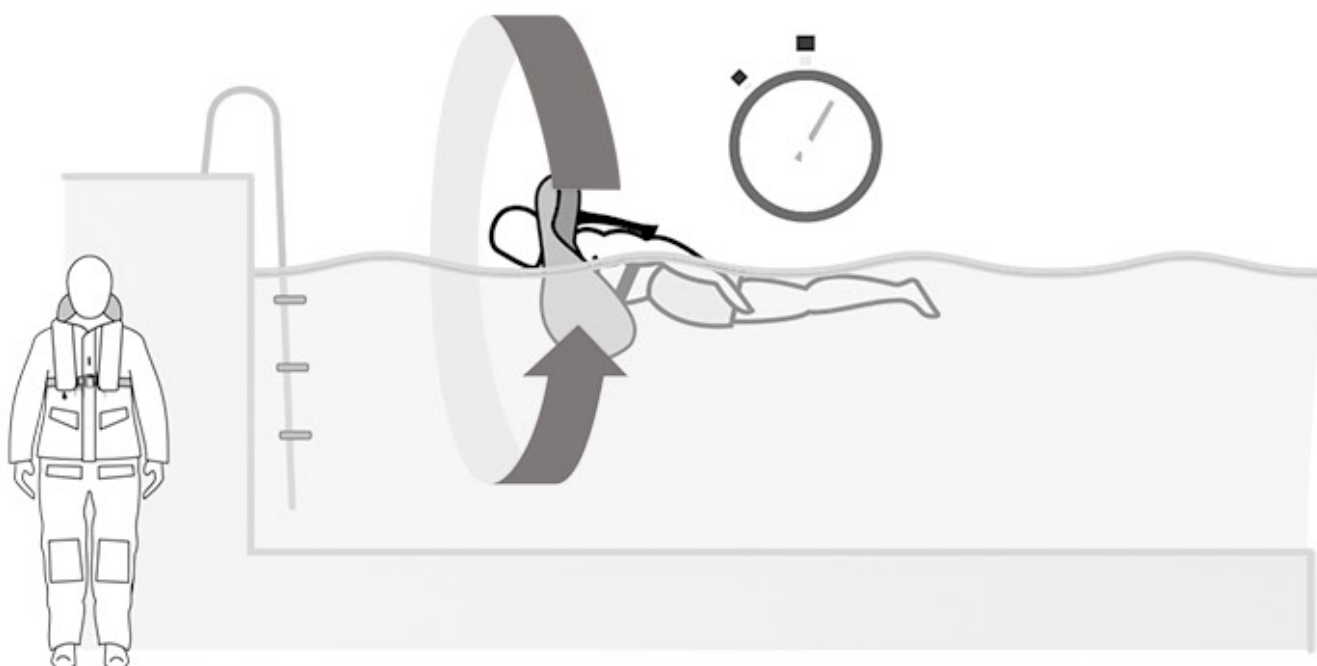
Your lifejacket should be tested whilst wearing any offshore clothing. Check that the lifejacket will turn you from a face down position to a face up position.

**NOTE: Some offshore clothing in particular drysuits and immersion suits can trap air - this may affect the performance of the lifejacket.**

After testing your lifejacket completely deflate the lifejacket using the oral inflation tube. Let the lifejacket dry thoroughly. Do not expose to direct sunlight or heat. Re-arm your lifejacket following the relevant re-arm & re-pack instructions.



**REMEMBER: Re-arm and Re-pack your lifejacket following testing.**



## AFTER USE

**Manual:** Remove the used cylinder from the manual operating head and dispose of it appropriately.

**Automatic Operating Heads :** Remove the fired capsule followed by the cylinder on the automatic operating head and dispose of appropriately.

If the lifejacket has been in salt water or contaminated water, it is essential to rinse out in fresh water after use. Hang the unfolded jacket in a warm and dry place; allow the lifejacket to dry out fully.

Once dry, inflate by mouth and check for damage. If damage has occurred, return to a Crewsaver approved service station for repair.

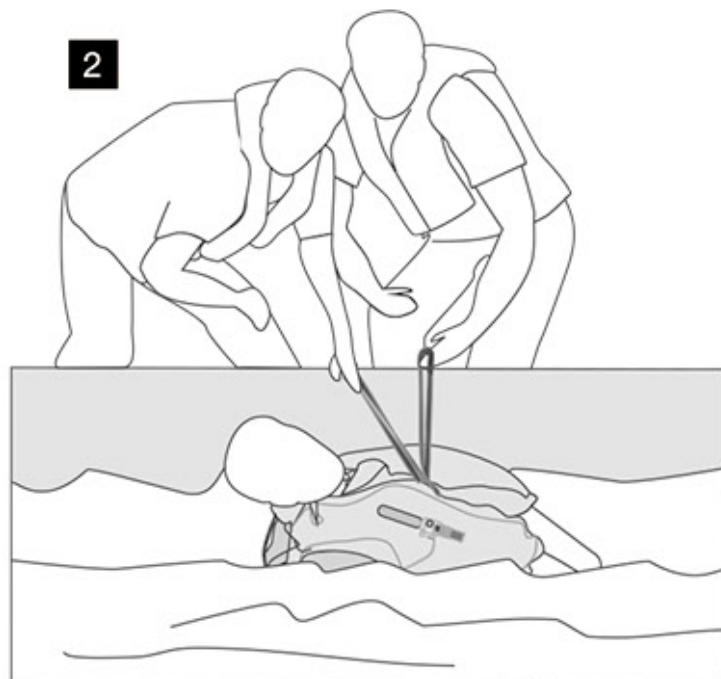


**WARNING: Do not attempt any repairs yourself or any rights under manufacturers guarantee will become void.**



## CORRECT USE OF LIFTING BECKETS

- 1 Lifting becket are located in the centre of the inflation chamber.
- 2 Use both lifting becket to haul casualties from the water.



## DONNING SPRAYHOOD (IF FITTED)



When lifejacket is fully inflated pull the hood over the head using the hood retainers (A) located either side of the neck.

Pull the retaining loops over the head. Pass hood webbing over the inflated chambers (B) and (C).

Figure 3 shows the hood donned correctly with the hood retainers looped over the outside edge of the inflation chamber.



## USING INFLATION TUBE ON INFLATABLE LIFEJACKETS

If required all inflatable lifejackets can be inflated orally without firing the CO<sub>2</sub> cylinder.

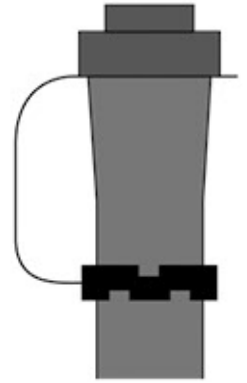


**WARNING: Inflating your lifejacket using CO<sub>2</sub> inflation could over pressurize and damage your lifejacket if it has already been orally inflated fully.**



### INFLATING YOUR LIFEJACKET

- 1 Remove the valve cap (a) at the top of the inflation tube (b).
- 2 Blow into the inflation tube. The protective cover on the lifejacket will unfold as the inflation chamber takes shape. To make this easier open up the cover by hand and continue to blow into the tube until it is difficult to inflate further.
- 3 Ensure once inflated that you replace the valve cap (a). It is important to keep this in place, except when the deflation valve is being used.



### DEFLATING YOUR LIFEJACKET AFTER USE

- 1 Reverse the valve cap (a) at the top of the inflation tube and hold it in the valve.



**WARNING: Do NOT use anything other than the valve cap to deflate your lifejacket. Any other item used may cause damage to the valve.**



- 2 Squeeze the lifejacket to expel the air inside.



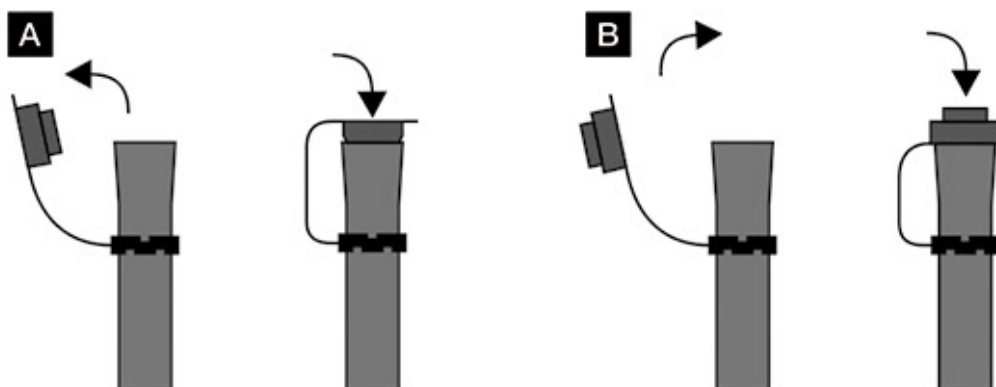
**WARNING: If the lifejacket has been inflated using a gas cylinder take care not to inhale the expelled CO<sub>2</sub> gas.**



- 3 When as much gas as possible has been expelled, re-inflate the lifejacket orally. This will reduce the concentration of any remaining CO<sub>2</sub>.
- 4 Squeeze the lifejacket a second time expelling as much air as possible.
- 5 The lifejacket should now be completely deflated, and can be folded into the cover as before.
- 6 Replace the valve cap (a) back into the normal position on top of the Inflation tube.



**WARNING: Over inflation can damage your lifejacket.**



## USING SAFETY LINES WITH A HARNESS LIFEJACKET

The Crewfit range of lifejackets can be used with all approved safety lines, on lifejackets with a harness.

Available within the Crewsaver range and suitable for use on the Crewfit are both 2 hook and 3 hook safety lines.

A 2 Hook Safety Line should be used when connected to a strong point on the boat; this will help to ensure you are attached securely in adverse conditions.

The 3 Hook Safety Line enables the transfer from one secure point on the boat to another, ensuring you remain safely attached at all times during the transfer.



**ISO 12401:2009**

**Deck safety Harness Class 1 0598**



**WARNING:** The deck safety harness and safety line are intended to prevent the user falling overboard. They do not provide protection against falls from a height.



The deck safety harness and safety line may transmit very large forces. Only attach to strong hooking points or jack lines. Minimum strength of 1 tonne.

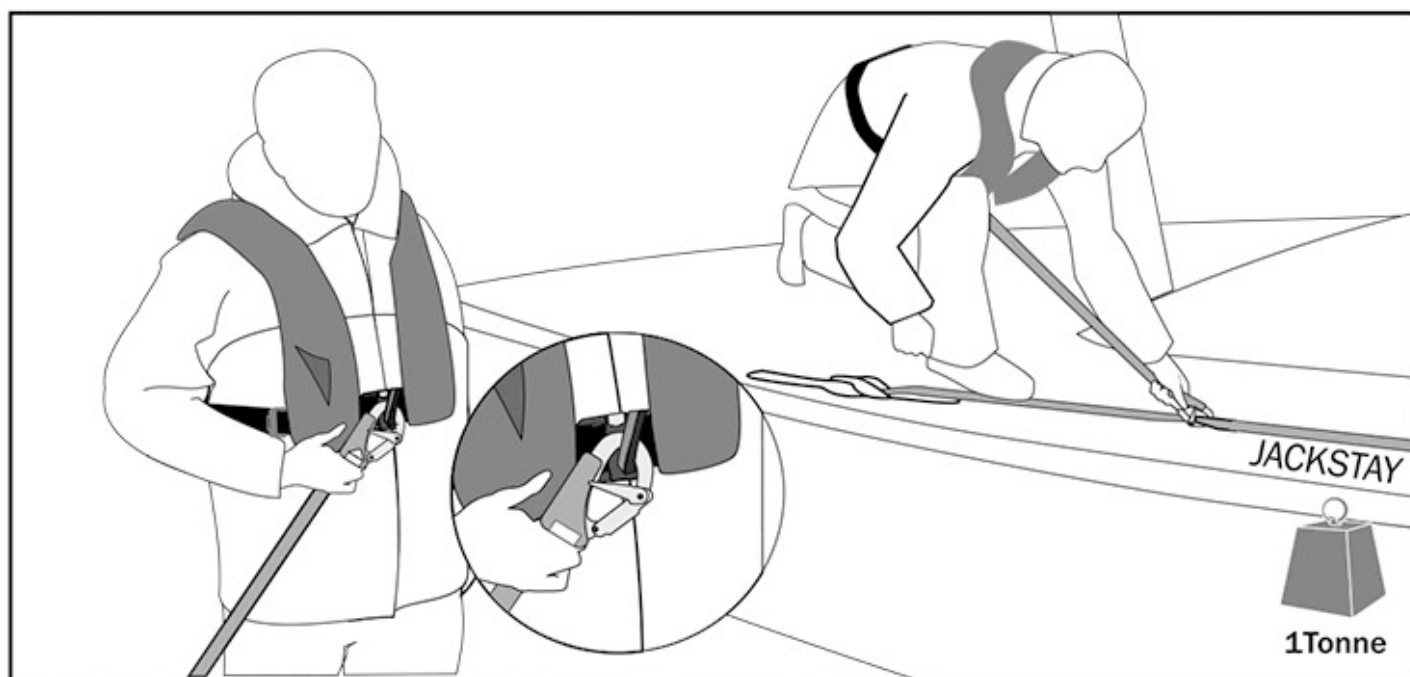
It is unsafe to wear this harness loose. The harness shall be worn tightly in order to be effective.



If your harness and/or safety line are subjected to an exceptional load while worn, it is vital that these are returned to Crewsaver for inspection, even if no external damage is visible.



Non harness version can be worn over a separate harness.



## **YOUR 3 YEAR GUARANTEE**

**Crewsaver has over 50 years' experience in manufacturing safety equipment and our total commitment to quality enables us to offer you a FULL 3 YEAR GUARANTEE on your lifejacket.**

This 3 year guarantee includes all parts and labour to repair defective equipment and the return postage.

The guarantee covers all Crewsaver lifejackets and combined lifejackets/harnesses worn for everyday working use.

The guarantee does not cover the effects of accidental damage, normal wear and tear, or mistreatment, or where repairs have been carried out other than by a Crewsaver approved serviced centre.

Remember your lifejacket is an important piece of safety equipment and should be serviced annually. Servicing should be completed with genuine Crewsaver parts at a Crewsaver approved service station. Crewsaver will not accept any lifejackets for warranty that have not been serviced annually at a Crewsaver approved service station.

**Please copy the Product Serial Number and Date Purchased below for your own reference:**

**SERIAL NO:**

**DATE PURCHASED:**

**For more information or to register your product please visit our website [www.crewsaver.com](http://www.crewsaver.com)**

## **SERVICE ANNUALLY**

**Your lifejacket must be serviced on an annual basis.**

Never try to repair a lifejacket yourself. You could cause more damage and render the lifejacket irreparable or affect the warranty.

Always return the lifejacket to a Crewsaver approved service station for repairs and servicing.

**To find your nearest Crewsaver approved service station visit:  
[crewsaver.com/findastockist](http://crewsaver.com/findastockist)**



# PERSONAL FLOATION DEVICE

(FR) GILET DE SAUVETAGE (DE) RETTUNGSSCHWIMMKÖRPER  
 (SK) FLYTÁŠT (EL) ΦΛΟΤΙΒΟΥΔΙΟΡ ΦΥΡΙΟΡ ΕΙΝΣΤΑΚΛΗΓ  
 (NO) PERSONLIG FLOATIONSSENHET (CZ) PERSÓNALNÍK VĚST MĚT DRUFVERMOGEN  
 (HU) HENKILÖKHÖTAINEN KELLUNTALÁITE (PT) EQUIPO AUXILIAR DE FLOTAÇÃO (NL) PERSOONLIJK VEST MET DRUFVERMOGEN  
 (IT) GIUBBOTTO DI SALVATAGGIO GONFIABILE (GR) ΑΤΟΜΙΚΗ ΞΥΚΕΥΗ ΕΠΙΠΛΩΤΗ (FI) DISPOSITIVO DE FLUTUAÇÃO PESSOAL  
 (ES) PERSONALNE SALVATAGIO GONFIABILE (BG) АТОΜΙΚИ ΞΥΚΕΥΗ ΕΠΙΠΛΩΤΗ (PL) DISPOSITIVO DE FLUTUAÇÃO PESSOAL  
 (CZ) OSOBNÍ PLOVNOCI ZÁŘÍZENÍ (UK) ПЕРСОНАЛСЬКА ГЛІБАНАСА ІЕРІСЬ (HU) SZEMÉLYI LEBEGETTŐ ESZKÖZ  
 (SK) OSOBNÉ PLOVNICE ZARIADENIE (NL) OSEBNA PLOVNA NAPRAVA (SV) ÅSMENNIS PLOUVRÄRNING IFAISA  
 (FR) APPLICATION (DE) ANWENDUNG (NL) TOEPASSING (CZ) BRUK (SK) ANVÄNDNING (UK) APLIKATION (FI) SOVELLUS  
 (ES) APLICACIÓN (PT) APLICAÇÃO (IT) APPLICAZIONE (GR) ΕΦΑΡΜΟΗ (FI) NOTKUN (ET) RAKENDUS (CZ) ZASTOSOWANIE  
 (SK) POUŽITÍ (HU) PIELIETOJÁS (NL) APLIKAZIA (SV) UPORABA (SV) PRITAIKOKUNJAS

## APPLICATION

**LEVEL 275 PFD** (GB) Offshore, extreme conditions, special protective clothing, heavy equipment.



(FR) Haute mer, conditions extrêmes, vêtements de protection spéciaux, équipement lourd. (CZ) Hochsee, extreme Bedingungen, besondere Schutzkleidung, schwere Ausrüstung. (NL) Open water, extreme omstandigheden, speciale beschermende kleding, zware apparatuur. (NO) Offshore, ekstreme forhold, spesielt beskyttende klær, tungt utstyr. (SK) Tíll havs, krávandisútsatta miðjör, speciellt móttástandskraftig kláðsel, tung útrústing. (UK) Fralandsvind, ekstreme forhold, særiligt beskyttende beklædning, tungt udstyr. (EN) Avometri, Aairimáiselat olosuhtieet, Erikoissuojaväatetus, Raskas kalusto. (SP) En alta mar en condiciones extremas: ropa de protección especial, equipo pesado. (PT) Alto-mar, Condições Extremas, Vestuário Especial de Protecção, Equipamento Pesado. (IT) Navigazione d'altura, condizioni estreme, abbigliamento protettivo speciale, attrezzatura pesante. (GR) Ανοικτή θάλασσα, Απολιτός ουθέληξ, Είκοδ τροποποιημένο εφόδια, Εξοπλισμός προστασίας. (BG) А hafí úti, mójög slamar aðstaður, sérstakur hillórfatnaður, þungur búnaður. (SV) Mererand, ekstremsed tímumused, spetslaaled kaliserliðed, raske varustus. (CZ) Prýbrzezný, ekstremlalné varunki, specialné ubranie ochromne, sprýtj oléžki. (NL) Mimo pobrzezi, ekstremni situacije, zvláštní ochranné oděvy, těžká vybavení. (UK) Piekrastrés zona, ekstremni apstájkij, specialális aizsargtérps, smags apríkóljums. (SV) Parkózelli, Extrém körülmények, Speciális védőöltözet, Nehéz felszerelés. (SK) Blízko pobrežia, extrémne podmienky, špeciálne ochranné oblečenie, ťažké vybavenie. (SV) Na vodi, izredni pogoji, posebno zaščitno oblačilo, teška oprema. (TU) Atvíros jüros, ekstremaliq silýgu, ypatinga apasauginé apranga, sunkioji įranga

**LEVEL 150 PFD** (GB) Offshore, foul weather clothing.



(FR) Haute mer, Equipement pour gros temps. (DE) Hochsee, Schlechtwetterkleidung. (NL) Open water, kleding voor extreem weer. (NO) Offshore, ruskevarsklar. (SK) Tíll havs, kláðsel for ruskváder. (CZ) Fralandsvind, beklædning til dårligt vejr. (EN) Avometri, Huonon linan väätetus. (SP) En alta mar: ropa contra el mal tiempo. (PT) Alto-Mar, Vestuário para Mau Tempo. (IT) Navigazione d'altura, abbigliamento per condizioni meteorologiche avverse. (GR) Ανοικτή θάλασσα, Εφόδια κακοκαιρίας. (BG) А hafí úti, fatnaður fyrir slamt veður. (SV) Mererand, halva líma riided. (CZ) Prýbrzezný, ubranie na trudnq pogodé. (CZ) Mimo pobrzezi, oděvy do nepříznivého počasí. (UK) Piekrastrés zona, apógrés silkiéim laiká apstájkijem. (NL) Partmenti, Rossz időjárás elleni öltözet. (SV) Blízko pobrežia, oblečenie do zlého počasia. (SV) Na vodi, oblačila za neugodne vremenske pogoje. (TU) Atvíros jüros, bjauraus oro apranga.

**LEVEL 100 PFD** (GB) Sheltered Waters, Light Clothing.



(FR) Eaux abritées, vêtements légers. (DE) Geschützte Gewässer, leichte Kleidung. (NL) Afgeschermd water, lichtgewicht kleding. (NO) Beskyttede farvande, lette klær. (SK) Skyddade vatten, lätt kláðsel. (CZ) Beskytède farvande, leté klár. (SV) Skyddade vatten, lätt kláðsel. (CZ) Beskytède farvande, let beklædning. (EN) Tynnet vedet, Kevyt vaateus. (SP) Aguas protegidas: ropa ligera. (PT) Águas Abrigadas, Vestuário Leve. (IT) Acque protette, abbigliamento leggero. (GR) Προφυλαγμένα ύδατα, Ελασπιά εφόδια. (BG) Skýid hafsvæði, léttur fatnaður. (SV) Siseveekogud, kerge riietus. (CZ) Woody chronione, lekkie ubranie. (CZ) Chránené vody, lehké oděvy. (UK) Alzsargátie údepi, viegís apógrés. (SV) Védett vizek, könnyű öltözet. (SV) Chránené vody, ľahké oblečenie. (SV) Zaščitene vode, lahko oblačilo. (TU) Seklumú, lengva apranga.

**LEVEL 50 PFD** (GB) Swimmers Only, Sheltered Waters, Help at Hand, Limited Protection against Drowning, Not a Lifejacket.



(FR) Réservé aux personnes sachant nager, Eaux abritées, Aide à proximité, Limite les risques de noyade, Ce vêtement n'est pas un gilet de sauvetage. (DE) Nur für Schwimmer geeignet, geschützte Gewässer, Hilfe in der Nähe, eingeschränkter Schutz gegen Ertrinken, keine Rettungsweste. (NL) Alleen zwemmers, afgeschermd water, hulp binnen handbereik, beperkte bescherming tegen verdrinken, geen reddingsvest. (NO) Kun for svømmere, beskyttede farvann, hjelp for hånden, begrenset beskyttelse mot drukning, ikke en reddingsvest. (EN) Vain ulmarit, Tynnet vedet, Kevyt vaateus. (SP) Aguas protegidas, Ayuda próxima, protección limitada contra el ahogamiento. No es un chaleco salvavidas. (PT) Apenas Nadadores, Águas Abrigadas, Guardar à Mão, Protecção Limitada contra Afogamento. Não é um Colete Salva-Vidas. (IT) Solo nuotatori, acque protette, aiuto immediato, protezione limitata contro l'annegamento, non è un giubbotto salvavita. (GR) Móvo yia koláppárités, Προφυλαγμένα ύδατα, Αγορά βοήθεια, Προστασία περιορισμένη κατά τον πνιγμό, Δεν αποτελεί σωσίβιο. (NL) Aðeins fyrir svnda einstaklinga, skýid hafsvæði, hjálp í návígi, takmörkuð vernd gegn druknun, ekki björgunarvesti. (SV) Ainult uljoid, siseveekogud, kirin abi, pílirud kalte uppisapie eest, ei ole päästevine. (CZ) Pouze pro plavce, chránené vody, pomoc na dosah, omezená ochrana před utopením, nejde o záchrannou vestu. (UK) Tikal peidítáijem, aizsargátie údepi, pieejama palīdzība, ierobežota aizsardzība pret nosūkšanu, nav glābšanas veste. (SK) Kizárólag úszókak, védett vizek, Segítség kézzel, Korlátozott védelem a fulladás ellen. Nem mentőmellény. (SV) Len plavci, chránené vody, pomoc poruke, obmedzená ochrana pred utopením, nepredstavuje záchrannú vestu. (SV) Le plavci, začítene vode, pomoč pri roki, omejena zaščitá pred utopitvijo, ni rešilni joplí. (TU) Tik plaukikams, sekulumose, čia pat esant pagalba, ribota apsauga nuo skendimo, ne gelbėjimosi liemenis.

**SPECIAL PURPOSE DEVICE**  
 ISO 12402-6 (GB) Special purpose lifejacket



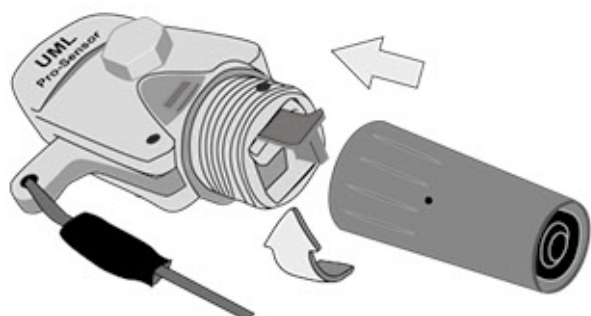
(FR) Gilet de sauvetage à usage spécifique (DE) Rettungsweste für besondere Einsatzzwecke (NL) Reddingsvest met speciale kenmerken (NO) Redningsvest med spesialformål (SK) Specializovaný št (CZ) Redningsveste til særlige formål (EN) Pelastusliivi erikoistarkoituksiin (SP) Chaleco salvavidas para uso específico (PT) Objectivo principal do colete salva-vidas (IT) Giubbotto di salvataggio per uso speciale (GR) Σωσίβιο ειδικής χρήσης (BG) Björgunarvesti til sérstakra nota (SV) Eriostarbeline päästevest (CZ) Speciálna kamizelka ratunkova (CZ) Záchranná vesta pro zvláštní účely (UK) Іпати іззатрадіта глiбáнаса veste (UK) Specialis célra kialakított mentőmellény. (SK) Záchranná vesta na špeciálne účely (SV) Rešilni joplí za posebne namene (TU) Ypatings paskirties gelbėjimosi liemenis

**A** **B** **C** **D** **E** **F** **G** **H**  
**MANUAL** **AUTOMATIC** **ORAL INFLATION** **ONLY** **MULTIPLE** **CHAMBERS** **INFLATABLE** **(N)** **BUOYANCY** **(N)** **INHERENT** **BUOYANCY** **(N)** **INTEGRATED** **HARNASS** **USE WITH** **HARNASS**

<b>A</b>	<p>(GB) MANUAL  (FR) MANUEL (DE) GEBRAUCHSANWEISUNG (NL) HANDMATIC (NO) MANUELL (SV) MANUELL (DK) MANUEL  (FN) KÄSİKIRJA (ES) MANUAL (PT) MANUAL (IT) MANUALE (GR) ΧΕΙΡΟΚΙΝΗΤΗ (SL) NOTKUN MED HANDAFLI (ET) MANUAALNE (PL) RĘCZNE (CZ) MANUÁLNI (LV) MANUÁLI (UA) MANUÁLNI (HU) KÉZI (SK) MANUÁLNA (SVN) PRIROČNIK (LT) RANKINIO VALDYMO</p>
<b>B</b>	<p>(GB) AUTOMATIC  (FR) AUTOMATIQUE (DE) AUTOMATIK (NL) AUTOMATISCH (NO) AUTOMATISK (SV) AUTOMATISK (DK) AUTOMATISK (FN) AUTOMAATTINEN (ES) AUTOMÁTICO (PT) AUTOMÁTICO (IT) AUTOMÁTICO (GR) ΑΥΤΟΜΑΤΗ (SL) SJÁLFIVRK NOTKUN (ET) AUTOMAATNE  (PL) AUTOMATYCZNE (CZ) AUTOMATICKÉ (UA) AUTOMÁTICKI (HU) AUTOMATIKUS (SVN) AUTOMATICKÁ (LTU) AUTOMATINIS</p>
<b>C</b>	<p>(GB) ORAL INFLATION ONLY  (FR) CONFLEGE BUCCAL SEULEMENT (DE) NUR MIT DEM MUND AUZFÜBLASEN (NL) ALLEEN ORAAL OPBLAASBAAR (NO) KUN MUNTILIG OPPBLÅSING (SV) ENBART MUNUPPBLÅSNING (DK) KUN ORAL OPPUSTNING (FN) TÄYTÖ VAIN PUHALTAMALLA  (ES) SOLAMENTE INFLADO ORAL (PT) APENAS INSUFLAÇÃO ORAL (IT) SOLO GONFIAGGIO A BOCCA (GR) ΜΟΝΟ ΜΕ ΤΟΜΑΤΙΚΗ ΕΜΦΥΞΗ (SL) BLASID ADEINS UPP MED MUNNI (ET) ANULIT SUUKAUDNE TÄITMINE (PL) TYLKO DO NADMUCHWANIA USTAMI  (CZ) POUZE NÁHUŠTĚNÍ ÚSTY (LV) PIEPUŠAMA TIKAI AR MUTI (HU) KIZÁRÓLAG SZÁJON KERESZTÜL TÖRTÉNŐ FELFÚJÁS (SVN) NAFUKOVANIE LEN USTAMI (SVN) NAPIHITI LE NA USTA (LTU) PRIPUČIAMAS TIK BURNA</p>
<b>D</b>	<p>(GB) MULTIPLE CHAMBERS  (FR) CHAMBRES MULTIPLES (DE) MEHRERE KAMMERN (NL) MEERDERE KAMERS (NO) FLERE KAMRE (SV) MULTIPLA KAMMARE (DK) MANGFOLDIGE KAMRE (FN) MONIKAMMOINEN (ES) VARIAS CÁMARAS (PT) CÁMARAS MÚLTIPLAS (IT) CAMERE MULTIPLE  (GR) ΠΟΛΥΚΑΜΑΡΟΙ (SL) MÖRG HÖLF (ET) MITME KAMBRILINE (PL) WIELOKOMOROWE (CZ) VÍCE KOMOR (LV) TOBB KAMRA (SVN) VIACERO KOMOR (LTU) KELIOS KAMEROS</p>
<b>E</b>	<p>(GB) INFLATABLE BUOYANCY  (FR) FLOTTABILITÉ PAR GONFLAGE (DE) AUFTRIEB AUFBLASBARER AUFTRIEBSKÖRPER (NL) OPBLAASBAAR DRIJVERMOGEN (NO) OPPBLÅSBAR FLYTEEVNE (SV) BÄRKRAFT UPPBLÅST (DK) OPPUSTELIG FLYDEEVNE (FN) PUMPATTAVA KELLUVUUS  (ES) FLOTABILIDAD POR INFLADO (PT) FORÇA DE IMPULSAO PARA INSUFLAR (IT) DISPOSITIVO DI GALLEGGIAMENTO GONFIABILE (GR) ΦΟΥΚΤΟΘ ΑΝΩΣΗ (SL) UPPBLÅSNANLEGR FLOTBUNADUR (ET) TÄIDETAV PÄÄSTEIVEST  (PL) PNEUMATYCZNY WYPÓR HYDROSTATYCZNY (CZ) NOSNOST PŘI NÁHUŠTĚNÍ (LV) PIEPUSAMA PĒLDERĪCE (HU) FELFÚJÁS UTÁN A VÍZEN LEBEG (SVN) NAFUKATELNA MOŽNOST PLAVANJA (LTU) PRIPUČIAMAS PLŪDIRIAVIMAS</p>
<b>F</b>	<p>(GB) INHERENT BUOYANCY  (FR) FLOTTABILITÉ INHERENTE (DE) EIGENAUFTRIEB (NL) EIGEN DRIJVERMOGEN (NO) IBOENDE FLYTEEVNE (SV) INBYGGD BÄRKRAFT (DK) NATURLIG FLYDEEVNE (FN) SISÄINEN KELLUVUUS (ES) FLOTABILIDAD INHERENTE (PT) FORÇA DE IMPULSAO INERENTE  (IT) DISPOSITIVO DI GALLEGGIAMENTO INTERNO (GR) ΕΜΦΥΤΗ ΑΝΩΣΗ (SL) INBYGGDUR FLOTBUNADUR (ET) UJUKEHADEGA PÄÄSTEIVEST (PL) NATURALNY WYPÓR HYDROSTATYCZNY (CZ) ZAKLADNI NOSNOST (LV) PIEMIT PĒLDSPEJA  (HU) FOLYAMATOS VÍZ FELETT TARTÓ KÉPESSÉG (SVN) PRIRODENA MOŽNOST PLAVANJA (SVN) INHERENTNI VZGON (LTU) BŪDINGAS PLŪDIRIAVIMAS</p>
<b>G</b>	<p>(GB) INTEGRATED HARNESS  (FR) HARNAIS INTEGRE (DE) INTEGRIERTES GURTGESCHIRR (NL) GEINTEGREED HARNAS (NO) INTEGREERT SELE (SV) INTEGRERET SELETOJ (DK) INTEGRERET SELETOJ (FN) INTEGROIDUT HIHNAT (ES) ARNÉS INTEGRADO (PT) ARNÉS INTEGRADO  (IT) IMBRACATURA INTEGRATA (GR) ΕΝΔΟΜΑΤΜΕΝΗ ΕΣΑΠΤΥΧ (SL) INBYGGDUR ÖLAR (ET) INTEGROIDUT RAKMED (PL) ZINTEGROWANA UPRZAŻ (CZ) INTEGROVANÝ POPRUH (LV) PIEVENOTS STIPRINĀJUMS (HU) INTEGRÁLT SZJ  (SVN) INTEGROVANJE POPRUHY (SVN) VKLJUČENO PASOVJE (LTU) INTEGRUOTAS DIRŽŲ KOMPLEKTAS</p>
<b>H</b>	<p>(GB) USE WITH HARNESS  (FR) UTILISER AVEC UN HARNAIS (DE) ANWENDUNG MIT GURTGESCHIRR (NL) GEBRUIK MET HARNAS (NO) BRUK MED SELER (SV) BRUK MED SELER (DK) BRUG MED SELETOJ (FN) KÄYTÖ HIINOJEN KANSSA (ES) UTILIZAR CON ARNÉS  (PT) UTILIZADO COM ARNÉS (IT) USARE CON L'IMBRACATURA (GR) ΧΡΗΣΗ ΜΕ ΕΣΑΠΤΥΧ (SL) NOTKUN MED ÖLUM (ET) STOSOWAC Z UPRZEŻA (CZ) POUŽITI S POPRUHEM (LV) IZMANTOŠANA AR STIPRINĀJUMU  (HU) HASZNÁLAT SZIJAL (SVN) POUŽVAJTE S POPRUHI (SVN) UPORABLJATI S PASOVJEM (LTU) NAUDOTI SU DIRŽŲ KOMPLEKTU</p>
<b>FR</b>	<p>(FR) ATTENTION : LES DISPOSITIFS DE FLOTTAISON N'ÉLIMINENT PAS LES RISQUES DE NOYADE ! ILS NE GARANTISSENT PAS LE SAUVETAGE. (DE) WARNUNG: RETTUNGSSCHWIMMKÖRPER VERRINGERN LEDIGLICH DAS RISIKO DES ERTRINKENS! SIE GARANTIEREN KEINE RETTUNG.  (NL) WAARSCHUWING: DRIJFVESTEN VERMINDEREN ALLEEN HET RISICO OP VERDRINKING! ZE GARANDEREN GEEN REDDING. (NO) ADVARSEL: FLOTASJONSENHETER REDUSERER KUN RISIKOEN FOR DRUKNING! DE GARANTERER IKKE REDNING.  (SV) VARNING: FLYTVÄSTAR MINSKAR ENBART RISKEN FÖR DRUKNING! DE GARANTERER INTE RÄDDNING. (DK) ADVARSEL FLYDEANORDNINGER REDUCERER KUN RISIKOEN FOR DRUKNING! DE GARANTERER IKKE FOR REDNING.  (FN) VÄRÖTUS: KELLUNTALITTEET VAIN VÄHENTÄVÄT HUKKUMISRISKIÄ! NE EIVÄT TAKAA PELASTUMISTA. (ES) ADVERTENCIA: LOS EQUIPOS AUXILIARES DE FLOTACIÓN REDUCEN SOLAMENTE EL RIESGO DE AHOGAMIENTO. ¡NO GARANTIZAN EL RESCATE!  (PT) OS DISPOSITIVOS DE FLUTUAÇÃO APENAS REDUZEM O RISCO DE AFOGAMENTO! NÃO GARANTEM O SALVAMENTO. (IT) ATTENZIONE: I DISPOSITIVI DI GALLEGGIAMENTO RIDUCONO SOLTANTO IL RISCHIO DI ANNEGAMENTO! ESSI NON GARANTISCONO IL SALVATAGGIO.  (PL) POZOSTAWIENIE NA WODZIE JEDYNE REDUKUJE RYZYKO UTONECIA! NIE GWARANTUJE RATUNKU.  (GR) ΠΡΟΕΛΟΓΩΡΙΣΗ: ΟΙ ΣΥΣΤΗΜΕΤΑ ΕΠΙΠΛΩΣΗΣ ΜΕΙΩΝΟΥΝ ΑΠΟ ΤΟΝ ΚΙΝΔΥΝΟ ΠΝΙΓΜΟΥ! ΔΕΝ ΕΓΓΥΩΝΟΥΝ ΤΗ ΣΩΤΗΡΙΑ. (SVN) OSTRZEZENIE: URZĄDZENIE DO UTRZYMYWANIA SIĘ NA WODZIE JEDYNE REDUKUJE RYZYKO UTONECIA! NIE GWARANTUJE RATUNKU.  (ET) HOIATUS: PÄÄSTEIVESTID ANULIT VÄHENDAVAD UPPIUMISE OHTU! NEE EI GARANTEERI PÄÄSTMIST. (LTU) BRIDINĀJUMS: GLĀSĀNAS IERICES TIKAI SAMAZINA NOSLĪŠANAS RISKI! TĀS NEGARANTĒ IZGLĀŠANOS.  (ES) UPOZORNĚNÍ: PLOVACÍ ZAŘÍZENÍ POUZE SNÍŽUJÍ RIZIKO UTONUTÍ! NEZARUČUJÍ ZACHRANU. (LV) UPOZORNĒNĪ: PLAVĀCIE ZARIĀDĒNĪA LĒN OBMEDZUJŪ RIZIKO UTOPEŅI! NEZARUČUJŪ ZACHRANU.  (HU) OPOZORILO: PLOVNE NAPRAVE LE ZMANJŠAJO NEVARNOST UTOPIVTE. NE ZAGOTOVUJÓ RESITVE. (LTU) ĮSPĖJIMAS: PLŪDIRIAVIMO PRIETAISAI TIK SUMAŽINA SKENDIMO TIKIMYBĘ. JIE NEGARANTUOJA IŠSIEGĖJIMO.</p>

## SUPPORTED PRODUCTS - RE-ARMING PRO-SENSOR OPERATING MECHANISMS

Always re-arm your lifejacket ready for use before you stow it away. The operating mechanism must be thoroughly dried before re-arming. When re-arming your lifejacket it is important you use only Crewsaver supplied components. For your nearest supplier contact Crewsaver or see [www.crewsaver.com](http://www.crewsaver.com)



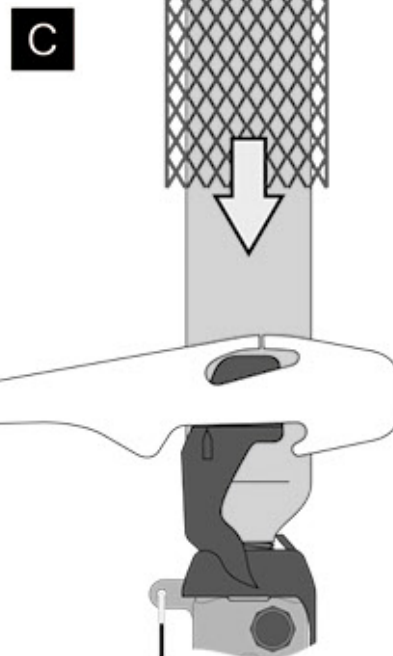
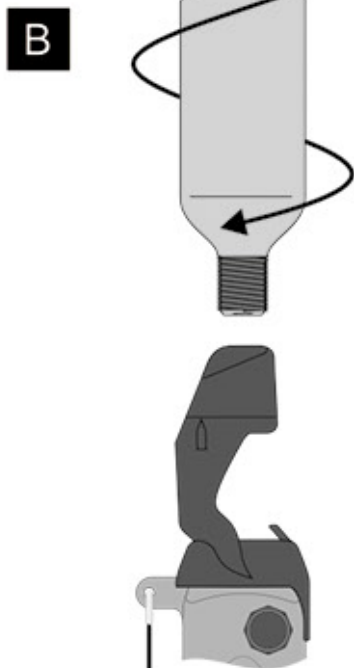
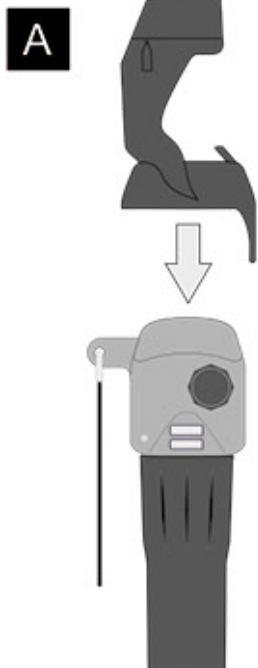
**AUTOMATIC ONLY** Take the new automatic firing capsule and screw onto the operating mechanism in a clockwise direction. Screw tightly ensuring there is no gap between the capsule and the base of the operating mechanism. The bottom indicator will turn green when the capsule is tightened correctly.

### AUTOMATIC

**AUTOMATIC AND MANUAL** Check that the cylinder-sealing gasket in the end of the operating mechanism has been correctly fitted, or replaced if necessary. Check the new CO<sub>2</sub> cylinder has not been used. Fit EXOLOK mechanism (A) and screw cylinder into the main body in a clockwise direction (B). Ensure the cylinder is screwed right down and hand tighten. The top indicator will turn green when the cylinder is tightened correctly. Secure with EXOLOK label (C).



Cylinder sealing O-Ring



The operating mechanism is now rearmed. Both Indicators should show green. Do not use if either indicator is red. See [www.uml.co.uk](http://www.uml.co.uk) for more details on the UML Pro-Sensor Mk3 mechanism.



**WARNING:** If you are unsure or have any doubt how to re-arm and repack your lifejacket return the product to Crewsaver or your nearest Crewsaver service agent.







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The logo features a thick, black, curved swoosh that starts on the left and curves upwards and to the right. Below this swoosh, the word "survitec" is written in a lowercase, sans-serif font.