

# CREWSAVER LIFEJACKET SELF-CARE AND MAINTENANCE

## 10 STEPS EASY TO FOLLOW GUIDE

### LOOK AFTER YOUR LIFEJACKET SO IT CAN LOOK AFTER YOU!

Since 2016, Boating Western Australia, in conjunction with the Department of Transport, has been conducting a lifejacket awareness campaign.

As part of the campaign, a new inflatable Crewsaver lifejacket is provided under a 'trade-in' scheme where people can surrender their old, damaged or obsolete lifejacket for a self-inflating, slim fitting style lifejacket at a discounted price.

This was – still is - an exciting initiative that has proven to be very popular and is aimed at enhancing boaters safety and behaviours and to be aware of the lifesaving benefits of wearing lifejackets.

**CREWSAVER**

# CREWFIT 165<sup>SPORT</sup>

The Crewfit 165N Sport uses the latest 3D technology, ensuring maximum comfort levels. Entry level to the 3D range the Crewfit 165N Sport has the essential features to ensure the recreational user remains safe when out on the water.

**Key Features:**

- ✓ Robust outer cover
- ✓ Centre buckle adjuster
- ✓ Crotch strap (optional)
- ✓ Soft loop D-ring for attaching harness (Harness version)

Oral tube  
Inflatable chin support  
Whistle  
Attachment point for Crewsaver Surface Light  
165N inflation chamber  
Reflective tape  
UML MK5 Automatic or Halkny Roberts 840 Manual operating heads  
Lifting becket

**FUSION 3D**

QUICK BURST ZIP  
UNIQUE CHIN SUPPORT  
PROVIDES 165N OF BUOYANCY  
BS EN ISO 12402-3

**SYDNEY - HEAD OFFICE**  
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**Now is the time to make sure your lifejacket is well looked after...so it can look after you!**

**Please note that Crewsaver life jackets must services by an accredited agent every 3 years**

## CRESWSAVER SELF CARE AND MAINTENANCE PROCEDURE

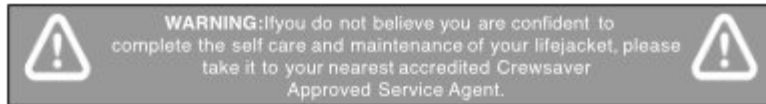
Crewsaver leisure products are manufactured to the highest standards and include a 3 year self care and maintenance program. The 3 year self care and maintenance program is only applicable for leisure use.

Before beginning the self care and maintenance procedure, please purchase the official Crewsaver recharge kit relevant to your lifejacket. The green indicator clip, CO2 cylinder and matching auto firing cartridge (if automatic) on Crewfit Sport 165 will need to be replaced if lifejacket activation has occurred.

To be eligible for the Crewsaver self Care and maintenance program, you must use the Crewsaver self care and maintenance certificate on an annual basis to record your inspection.

Download the Crewsaver self care and maintenance certificate:

<http://www.marnela.fi/wp-content/uploads/2015/12/Crewfit-165-Sport-Self-Care-and-Maintenance.pdf>



### Crewsaver Inflatable Lifejacket Annual Self Care and Maintenance Certificate

Only applicable for recreational use – all commercial and industrial applications must be serviced annually by an accredited service agent.

Prior to filling in the below certification, full attention must be paid to all of the instructions included in the self care and maintenance instructions. If for any reason any of the below steps are missed or any of the below tests fail, this certificate is invalid and the life jacket must either be replaced or sent to an accredited service agent.

Check Status at each Instruction by marking box      PASS = YES      N/A = NOT APPLICABLE      FAIL - NO

Model Serial No: \_\_\_\_\_ Last Date of Service: \_\_\_\_\_

	PASS	FAIL	N/A
<b>Inspection - Step 1</b>			
Product has been registered with Crewsaver			
<b>Inspection - Step 2</b>			
General visual inspection			
Harness components checked (if applicable)			
<b>Inspection - Step 3</b>			
Inspection of internal components			
<b>Inspection - Step 4</b>			
Bladder is free from wear or damage			
Bladder is inflated for 12 hours without depressurisation			
Inflated bladder is free from damage			
<b>Inspection - Step 5</b>			
Red oral inflation tube is free from damage			
Red oral inflation tube valve is free from leaks			
Red oral inflation tube mouth cap is attached			
<b>Inspection - Step 6</b>			
CO <sub>2</sub> cylinder free from damage or corrosion			
Check weight of cylinder			
Record engraved GR. WT.                      Actual Weight			
<b>Inspection - Step 7</b>			
Checking automatic cartridge for activation			
Test of manual firing arm – removing CO <sub>2</sub> cylinder			
Checking operating mechanism arm and pin			
Refitting CO <sub>2</sub> cylinder			
<b>Inspection - Step 8</b>			
Mark the inspection grid under the collar of the lifejacket with who inspected the lifejacket and the date of inspection.			
<b>Inspection - Step 9</b>			
Deflating your lifejacket after use			
<b>Inspection - Step 10</b>			
Repack lifejacket in accordance to instructions			

I hereby certify that this lifejacket has been inspected in accordance with the Crewsaver Annual Self Care and Maintenance Manual as described in instructions 1 through 10.

..... Name	..... Signature	..... Date
..... Address		

Next Inspection Due	

## Cleaning & storing your lifejacket

It is important that the Crewsaver 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 in the lifejacket may penetrate the capsule and eventually cause it to activate the lifejacket. It is advisable to hang the lifejacket to dry on a coat hanger until it is completely dry before stowing. 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.

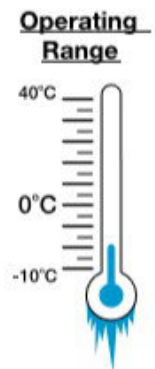
### Other important information

**Your new Crewfit lifejacket has been tested to meet a temperature range between -10°C and 40°C.**

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 left inflation chamber. Six long blasts repeated at intervals is the international distress signal.



## WEAR IT – INSPECT IT – SERVICE IT

### Ten steps to self-check your lifejacket and keep it in good shape.

#### ● INSPECTION – STEP 1

Ensure that you have filled in the self-care and maintenance registration form, and download the Self Care and Maintenance Certificate and send it to Crewsaver Australia at the below address: Survitec Group PO Box 6091, SILVERWATER BC 1811 Ph: 1800 646 086

#### ● INSPECTION – STEP 2 : VISUAL INSPECTION

1. Ensure that there is no wear and tear or damage to the outer cover of the lifejacket.
2. Check all of the zippers to ensure they are in working order.
3. Check the webbing for any fraying or damage.
4. Open and close the buckles 3 times to ensure they are in working order.
5. Check the load indicator thread on the rear of the jacket for damage.

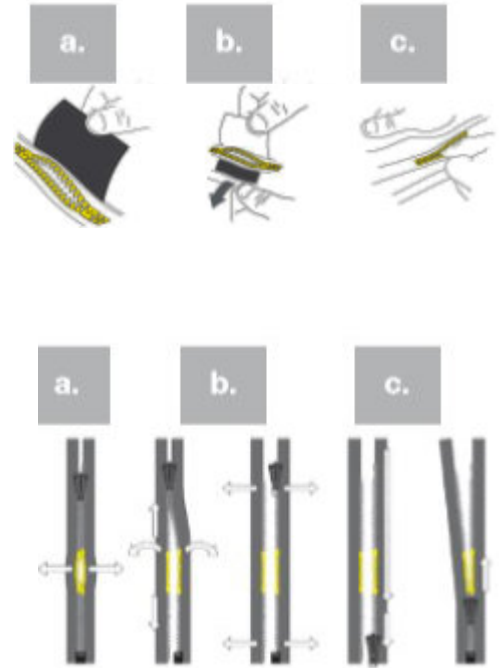


#### Safety Harness Inspection (if your Crewsaver model includes a harness)

1. Inspect and check that all harness components have no visible signs of wear or damage.
  - a. Webbing.
  - b. D Ring.
  - c. Buckles.

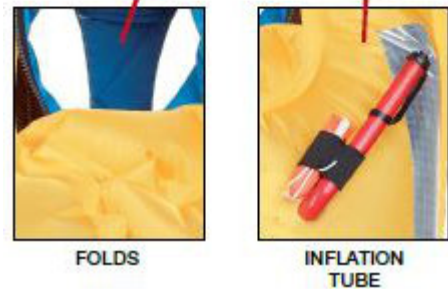
● **INSPECTION – STEP 3: INSPECTION OF INTERNAL COMPONENTS**

1. Open the lifejacket cover.
  - a. Open the Velcro tab.
  - b. To avoid damaging your lifejacket zip, open the zip via the quick burst elements, holding the cover either side.
  - c. 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 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.
2. Prepare zip for repacking.
  - a. Ensure zip slider is separated on one side.
  - b. Slide the zip around to the right side of the jacket as worn.
  - c. Feed the zip teeth into the slider ready to repack.
3. Check the red oral inflation tube for any signs of wear or damage.
4. Check for any indication of damage on the grab strap.
5. Check all of the reflective tape is firmly attached and not damaged in any way.



● **INSPECTION – STEP 4: INSPECTION OF THE BLADDER**

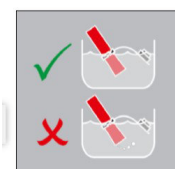
1. Inspect the bladder for any signs of abrasion, wear or damage. Ensure that all seams and folds are inspected thoroughly.
2. Inflate the bladder using the red oral inflation tube. Once fully inflated hang the lifejacket on a coat hanger and leave inflated in a room with a stable temperature of approximately 20°C. The lifejacket needs to remain inflated for 12 hours to check for any leaks. If the temperature is reduced overnight, this can affect the pressure of the bladder. Once the jacket has been left for 12 hours, check for any leaks and visible signs of damage.



**If the bladder is damaged or the pressure falls, the lifejacket must be replaced or sent to an accredited service agent. Under absolutely no circumstances are you to attempt to patch or repair your lifejacket.**

● **INSPECTION – STEP 5: INSPECTION OF THE MOUTH INFLATION TUBE AND ITS VALVE**

1. Fully inflate the lifejacket using the red oral inflation tube.
2. Submerge the red oral inflation tube (mouth end) in water and check for bubbles.
3. If bubbles appear, you will need to replace the jacket or send to an accredited service agent.



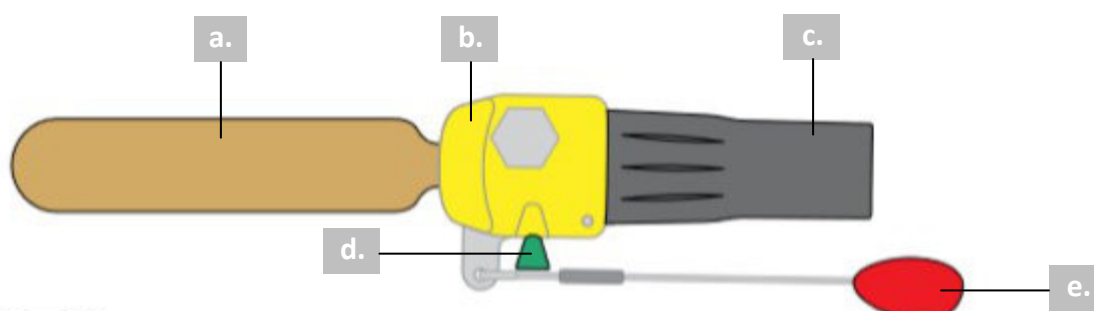
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### ● INSPECTION – STEP 6: INSPECTION OF THE CO2 CYLINDER

1. Check that correct type/size of CO2 cylinder is fitted to the operating mechanism (size is printed on the bladder near inflation head or the cylinder/inflation head protective cover). The Crewfit 165 Sport requires a 33g cylinder. Remove the CO2 cylinder by unscrewing it counter clockwise and inspect thoroughly. The cylinder should be fully intact with no rust or corrosion. Replace the cylinder if the end cap has been pierced, is damaged, or the cylinder exhibits signs of rust or corrosion.
2. If the CO2 cylinder is in good working condition, check the weight of the cylinder on a set of kitchen scales to ensure that the weight of the cylinder corresponds to the minimum gross weight engraved into the cylinder, (GR.WT) +/- 2g. If the weight is incorrect or defective in any way it must be replaced. Any replacement cylinder should be checked using the same method. The engraved weight and the actual weight need to be recorded on your self-care and maintenance certificate.

Ensure that all used or damaged cylinders are disposed of immediately.

### ● INSPECTION – STEP 7: CHECKING THE OPERATING MECHANISM



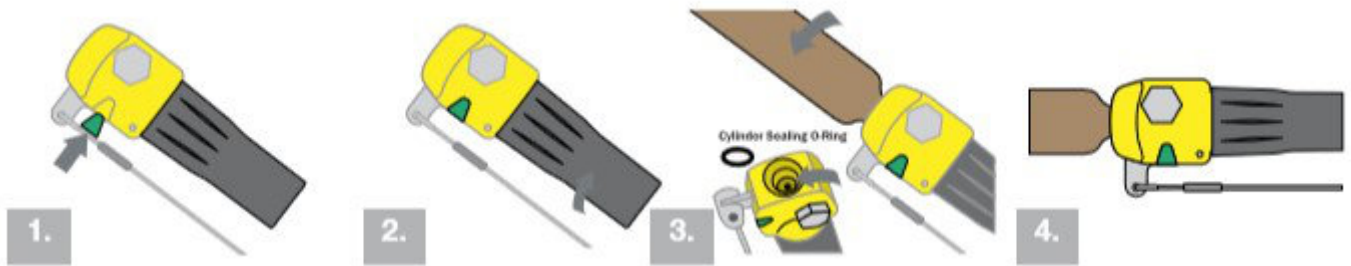
- A: Gas Cylinder
- B: Operating Mechanism
- C: Automatic Cartridge
- D: Green Indicator clip
- E: Manual firing chord

### AUTOMATIC

1. Check that the operating mechanism on the firing head is intact.
  - a. If the green indicator is missing or detached – the automatic cartridge needs to be replaced (this can be purchased from a Crewsaver stockist or accredited service agent).
  - b. If the automatic cartridge has been activated (as indicated by the missing green indicator), remove the automatic cartridge immediately by turning in an anti-clockwise direction. Dispose of immediately!
2. Remove the CO2 cylinder from the operating mechanism.
3. Pull the manual inflation cord.
  - a. If the green security indicator is still attached – this will then eject from the operating mechanism once the manual inflation lanyard is pulled.
4. Check that the firing arm is moving freely.
5. Check that firing pin is free from any damage or corrosion.
6. Replace the firing arm back into the main body of the operating mechanism and fit the retaining clip (green indicator). The clip is fitted by pressing it over the firing arm and into the recess either side of the operating mechanism.

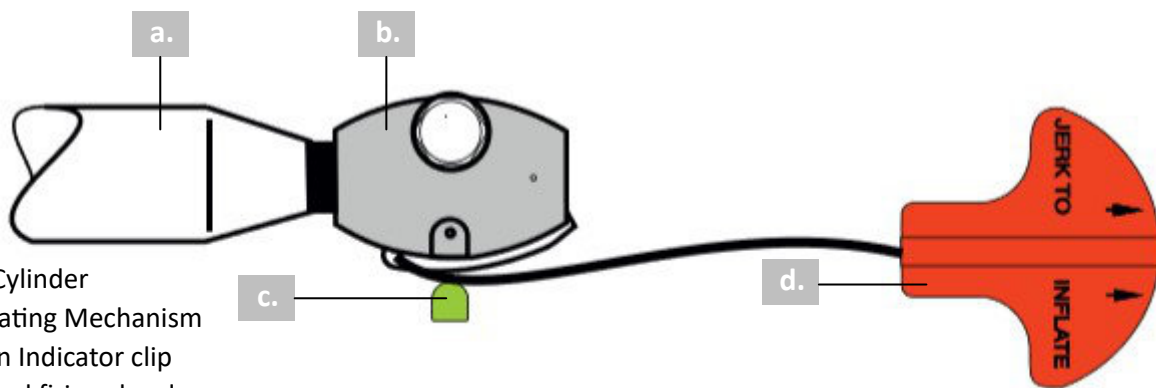
**NOTE: When you take the green clip out it will break so you will need to have a replacement at the ready.**

● **INSPECTION – STEP 7: CHECKING THE OPERATING MECHANISM** (Continued)



7. Check that the automatic cartridge is tightly secured onto the operating mechanism by turning in a clockwise direction. If the automatic capsule has been activated (as advised in step 1), you will need to replace with a new automatic cartridge. You will then need to screw on the new firing head in a clockwise direction until tight. a. Ensure that there is no gap between the capsule and the base of the operating mechanism.
8. Check that the cylinder sealing gaskets in each end of the operating mechanism has been fitted correctly. Screw in the undamaged or new 33g cylinder in a clockwise direction until hand tight into the operating mechanism.
9. Your automatic operating mechanism is now rearmed.

**MANUAL**



- A: Gas Cylinder
- B: Operating Mechanism
- C: Green Indicator clip
- D: Manual firing chord

1. Remove the CO2 cylinder from the operating mechanism.
2. Pull the manual inflation cord.
  - a. If the green security indicator is still attached – this will then eject from the operating mechanism once the manual inflation lanyard is pulled.
3. Check that the firing arm is moving freely.
4. Check that firing pin is free from any damage or corrosion.
5. Replace the firing arm back into the main body of the operating mechanism and fit the retaining clip (green indicator). The clip is fitted by pressing it over the firing arm and into the recess either side of the operating mechanism.
6. Check that the cylinder sealing gaskets in the end of the operating mechanism has been fitted correctly. Screw in the undamaged or new 33g cylinder in a clockwise direction into the operating mechanism until hand tight.
7. Your manual operating mechanism is now rearmed.

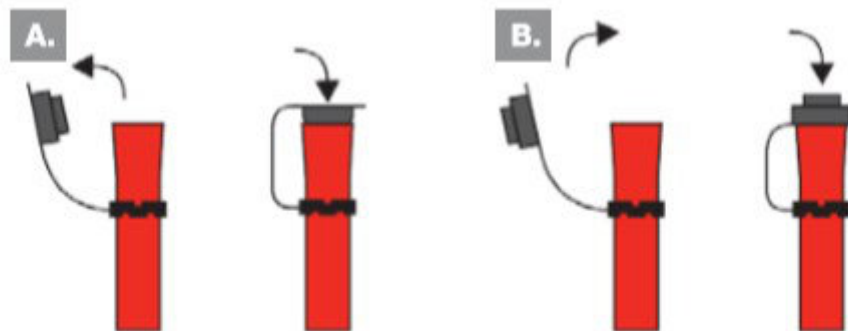
**WARNING: If you are unsure or have any doubt how to re-arm and re-pack your lifejacket, return the product to Crewsaver or your nearest Service Agent.**

● **INSPECTION – STEP 8: FILL OUT CREWSAVER ANNUAL SELF CARE AND MAINTENANCE CERTIFICATE.**

1. This document must be filled out in full and pass all of the conditions in order to be a compliant piece of lifesaving equipment. a. If any elements fail, this lifejacket either needs to be replaced or sent to an accredited service agent.
2. This document once successfully completed, must be kept with the lifejacket on board the vessel in case of any official inspections take place.
  - a. Inability to produce a copy of this completed and up to date inspection report could potentially result in legal ramifications
3. Fill in the maintenance grid underneath the collar of the lifejacket with who inspected the lifejacket and the inspection date.

● **INSPECTION – STEP 9: DEFLATING YOUR LIFEJACKET AFTER USE**

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



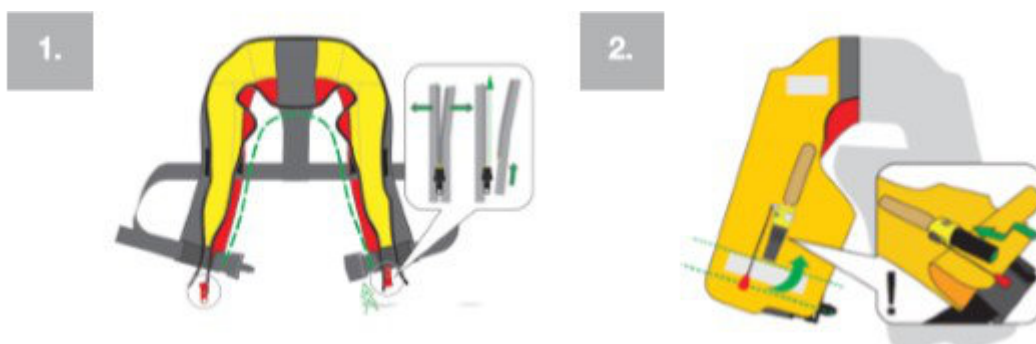
2. Squeeze the lifejacket to expel the air inside.
3. Squeeze the lifejacket a second time expelling as much air as possible.
4. The lifejacket should now be completely deflated, and can be folded into the cover as before.
5. Replace the valve cap (b) back into the normal position on top of the Inflation tube.

● **INSPECTION – STEP 10: REPACKING**

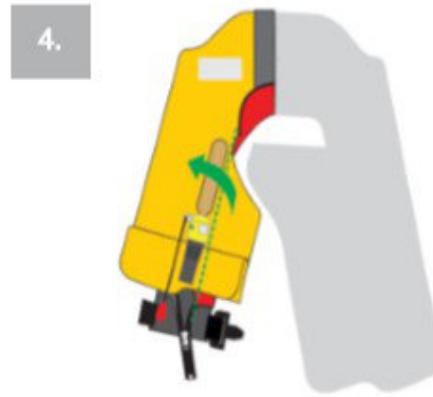
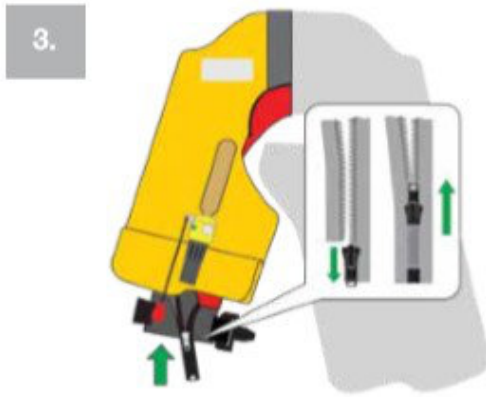
Repack the lifejacket in accordance with the model instructions as described in this manual. Make sure the manual pull lanyard is not tangled and that the lanyard knob is hanging outside the lifejacket cover.

Ensure that your lifejacket is completely dry before packing.

1. Run the zip slider round to the left side of the jacket.
2. Fold the bottom left of chamber up over operating head, then fold in half to make a concertina underneath the operating mechanism.



3. Start to close the zip.
4. Fold inner side over the other side



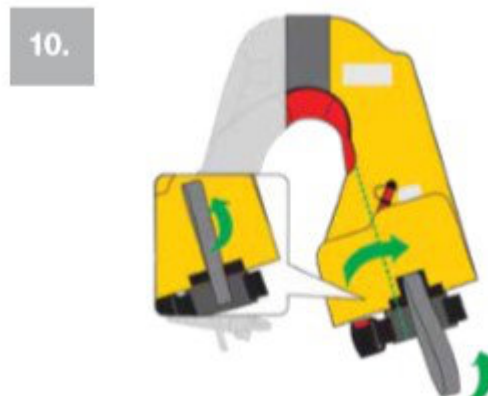
5. Fold the outside edge over the firing mechanism.
6. Tuck chamber inside the cover and secure in place with velcro tabs.



7. Do up zip past Velcro tab. Ensure the manual pull toggle is accessible.
8. Fold the right side chin support diagonally underneath itself.



9. Fold the bottom right of the chamber up over the oral tube.
10. Fold inner edge over the right ensuring lifting becket is folded up into the cover.

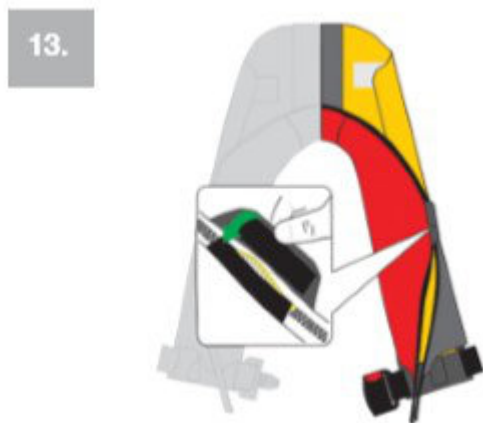




11. Fold the outside edge over.
12. Tuck chamber inside the cover.




13. Secure cover in place with the velcro tabs.
14. Concertina the chamber collar with two folds and tuck in the fabric neck retainer.



15. Fold in the last corners of the chamber and bring the zip round to close.
16. Make sure Velcro tabs are secure and zip ends are tucked up inside the cover




**WARNING:** If you do not believe you are confident to complete the self care and maintenance of your lifejacket, please take it to your nearest accredited Crewsaver Approved Service Agent.
 