

CREWSAVER SERVICING AND MAINTENANCE BULLETIN No. 26

ISSUED TO: Crewsaver internal, all service stations.

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SUBJECT: Seacrewsader. Replacing the Manual operating lever and modified repacking method.

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EXP DATE: -



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It has been identified that the manual inflation of Seacrewsader lifejackets require increased force to operate. Those lifejackets with moulded plastic pull cords are more affected as the cord stretches significantly.

The twin automatic operation of both chambers is not affected by this process and will work as the primary activation method in all cases.

To overcome this problem the following work needs to be undertaken at the next service interval.

1. Identifying the jackets requiring work to be carried out.
2. Opening storage bag, especially with sealed foil bag.
3. Replacing the pull cord assembly.
4. Replacing the cylinder cover.
5. Repacking to a modified procedure.
6. Repacking in the storage bag, especially with sealed foil bag.
7. Marking.

The parts and tooling required are:-

Parts.

- | | |
|--|----------------------------|
| 1. R16920 Manual operating lever and cord assembly | Quantity 2 per lifejacket. |
| 2. R17009 Green manual operating indicator clip | Quantity 2 per lifejacket. |
| 3. R18051 Mesh cylinder sleeve. | Quantity 2 per lifejacket. |

- | | |
|--|--------------------------------|
| 4. R16921 Roll pin 16mm long
(only required if original part is misplaced) | Quantity 2 per 100 lifejackets |
| 5. R89500 or R89501 (handle) Foil bags.
(only required to replace damaged bags). To suit customer being attended. | Quantity 5 per 100 lifejackets |
| 6. R89532 or R89535 (Talisman) Labels
(only required to replace damaged bags). To suit customer being attended. | Quantity 5 per 100 lifejackets |
| 7. R89504 Desiccant sachet
(only required to replace damaged or lost sachets) | Quantity 5 per 100 lifejackets |

Tools.

1. 2mm Allen key or other blunt tool of about 2mm dia.
2. Resealing equipment for the foil bags.
3. Scissors with rounded ends.
4. Indelible pen.

1. Identifying the jackets requiring work to be carried out.

The two types of pull cords are fitted with different type of pull toggles. Those with moulded plastic pull cord will need the cord replaced.



Figure 1 Woven nylon pull cord



Figure 2 Moulded plastic pull cord

2. Opening the foil bag.

Cut across the bottom of the bag close to the seal line so that the bag can be reused especially for those bags with handles incorporated.

3. Replacing the pull cord assembly.

1. Open up the lifejacket to expose the auto inflation heads
2. Remove the gas cylinders to avoid damage from the piercing pin.
3. Break off the green indicating clip by pulling the operating lever.
4. Hold the yellow bladder away from under the roll pin in the corner of the yellow body moulding.
5. Push out the roll pin from the yellow body moulding using a blunt narrow tool. An Allen key of about 2mm is suitable. Retain the roll pin.
6. Remove the moulded plastic cord assembly with its metal pressing.
7. Replace with the new woven nylon cord assembly. Note that the new pressing is slightly different, this is expected.
8. Reinsert the roll pin ensuring that neither end is proud of the moulding.
9. Fit a new green indicator clip.
10. Repeat for the second auto inflation head.
11. Refit the gas cylinders.

5. Replacing the cylinder cover.

1. Cut from each of the head assemblies the black cylinder cover and the United Moulders label and discard. Use scissors with rounded ends. Take care not to damage the inflation fabric.
2. Slide the replacement mesh cylinder sleeve over each of the cylinders so that it is central.
3. Mark on the service label the date and, in the inspected by box, Bulletin 26 and initial.
4. Repack the lifejacket to the procedure shown in Appendix 1.

4. Repacking the lifejacket.

See the packing procedure detailed in appendix 1.

5. Repacking in the foil bag.

See section 8.4 of the Seacrewsader service manual.

6. Marking of action taken.

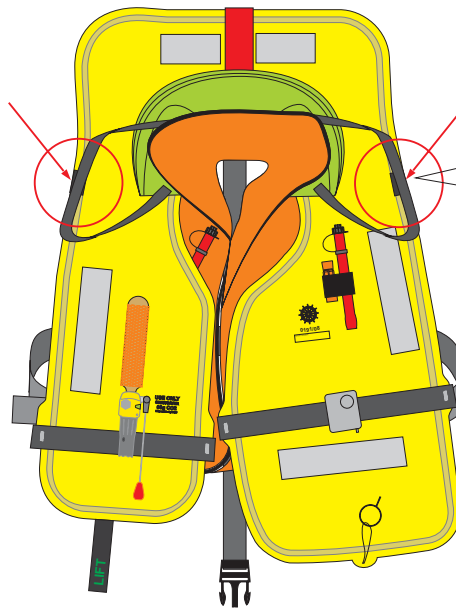
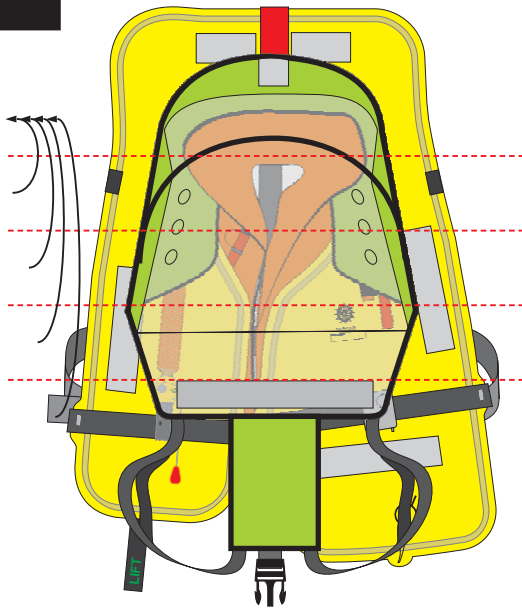
To ensure it is know which lifejackets have been updated to Bulletin 26 the outside of the storage bag must me marked as follows.

For jackets packed using the foil bag, mark the date and, in the inspected by box, Bulletin 26 and initial.

For jackets packed using poly bags mark boldly on the bag label the date and Bulletin 26 and initial.

1

Following inspection of the lifejacket. Lay the deflated jacket out on a flat dry surface. Ensure dust caps are fitted. Concertina fold the sprayhood using approximately 80mm folds.



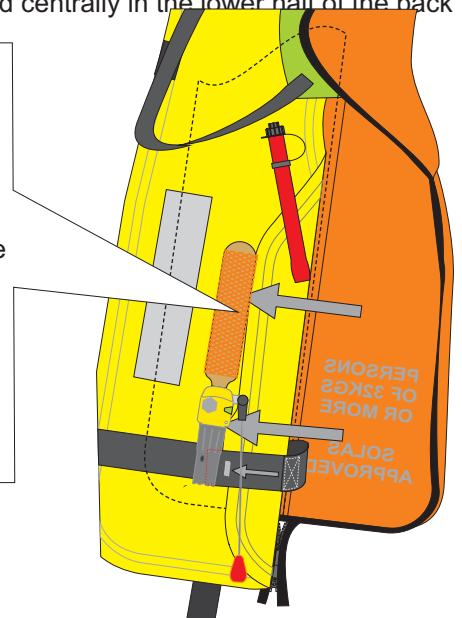
Ensure that the spray hood donning loops are attached to the velcro tabs either side of the inflation chamber.

2

Starting with the rightside of the lifejacket as worn, fold along the line formed by central seam of the cover. The fold should allow for the oral/relief tube to be visible. Pull the fold of inflation chamber over complete with operating head and cylinder to ensure that operating head is positioned centrally in the lower half of the back cover.

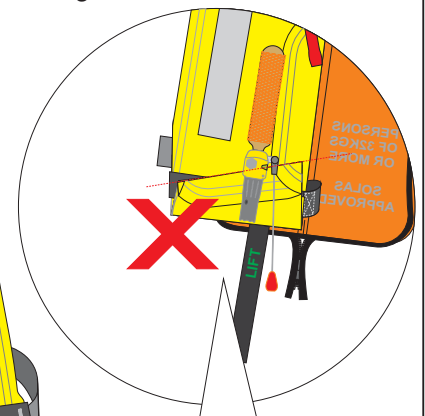
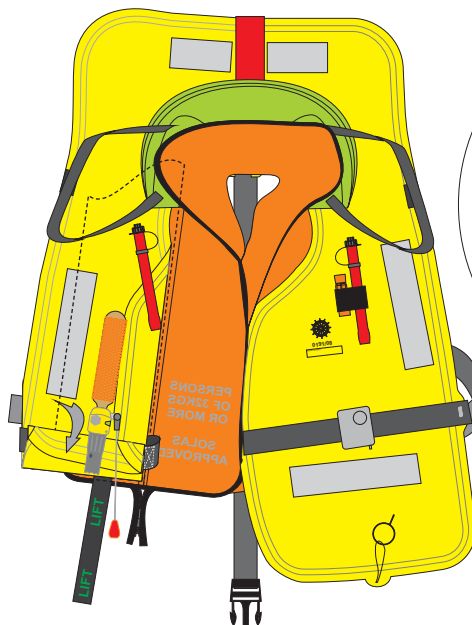
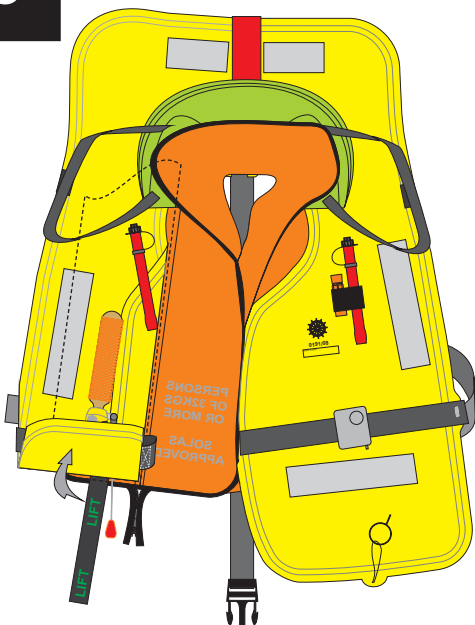


The edge of the chamber should fall underneath the operating head pin and cylinder. Note: The webbing retainer sewn to the edge of the inflation chamber should be positioned underneath the operating head capsule as shown.



3

Fold up the bottom edge, the fold should be inside the bottom zipped edge of the cover. Fold back and position underneath the operating head capsule. The fold must be over the top of the webbing retainer.



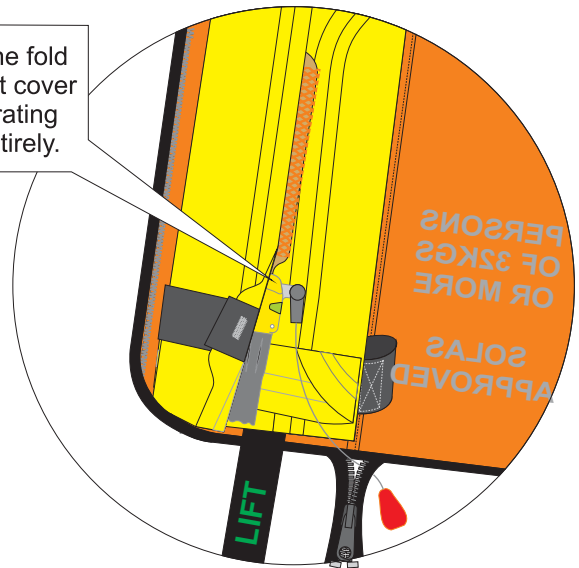
Ensure these folds are even and remain parallel with the bottom edge of the cover.

4

Fold over the outside edge of the inflation chamber. The fold must be made just inside the edge of the cover - running top to bottom. Position the fold over the top of the operating head.

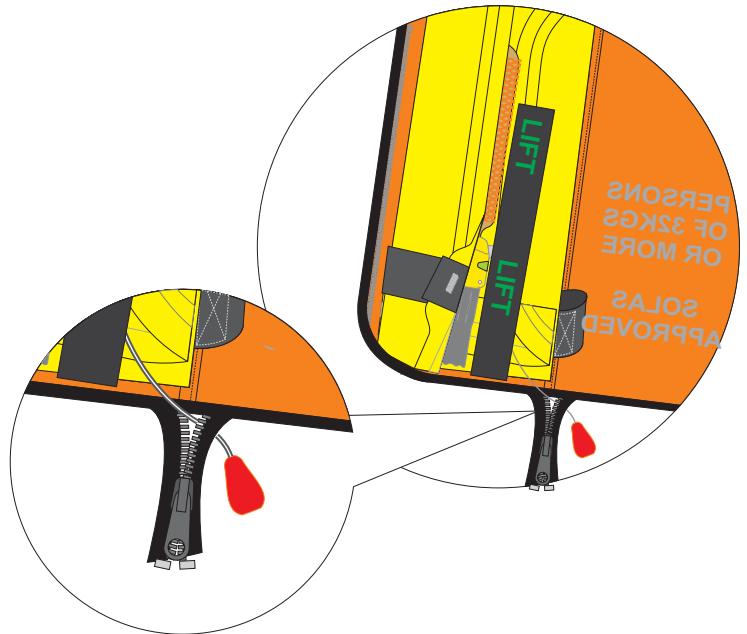


Note: the fold does not cover the operating head entirely.



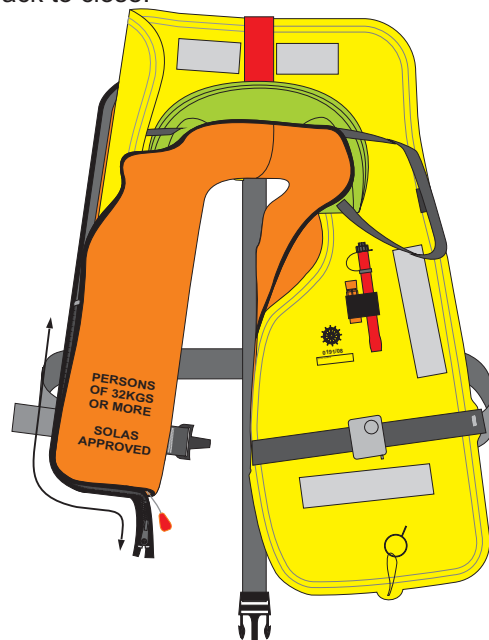
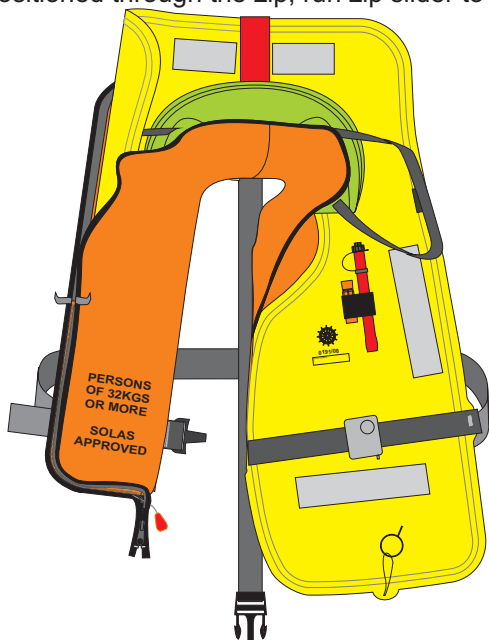
5

Fold up the lifting becket - and lay on top of the operating head covering the firing arm. Ensure that the becket does not loop over the cylinder.



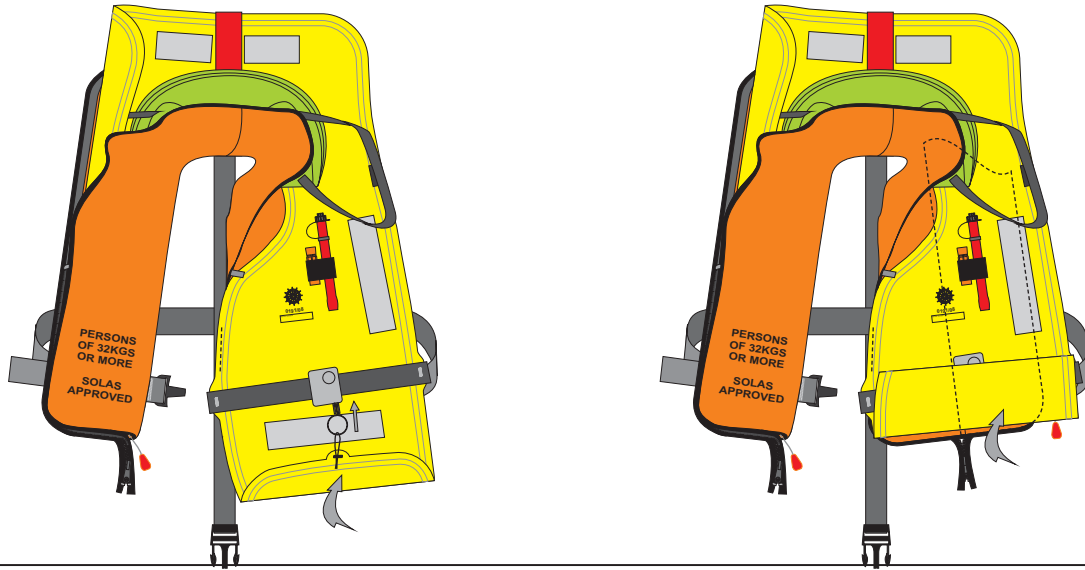
6

Fold cover over and close the velcro tabs at the top of the zip. Ensuring that the firing cord and toggle is positioned through the zip, run zip slider to top of zip and back to close.



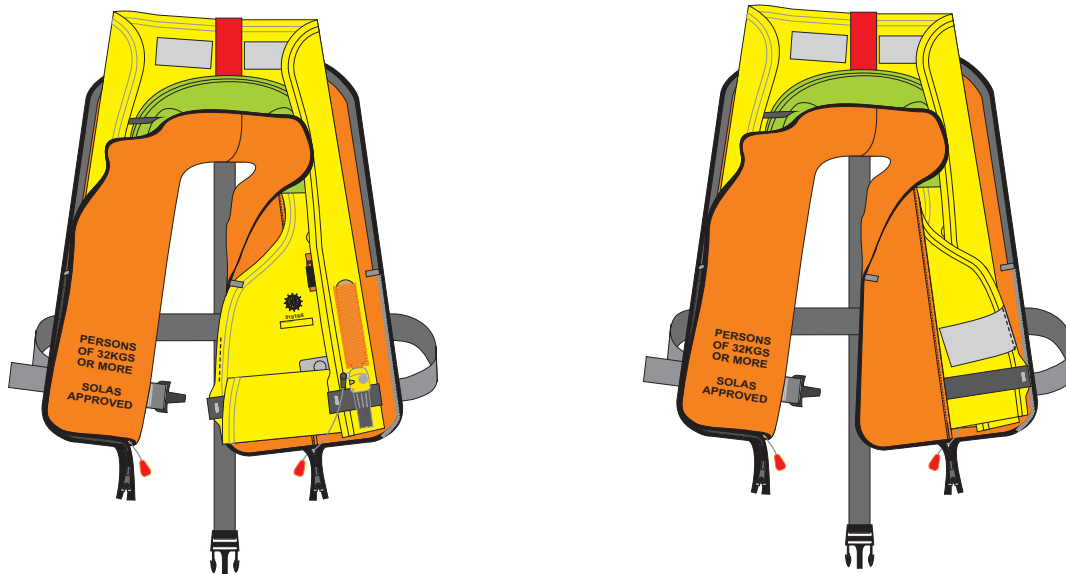
7

Fold up the bottom of the inflation chamber as shown, and connect the light by inserting the plug. Fold up again the bottom of the inflation chamber in line with the base of the cover. The fold will obscure the light. Move the light upwards and over to the centre seam of the cover. The domed lens of the light should be just visible as shown below.



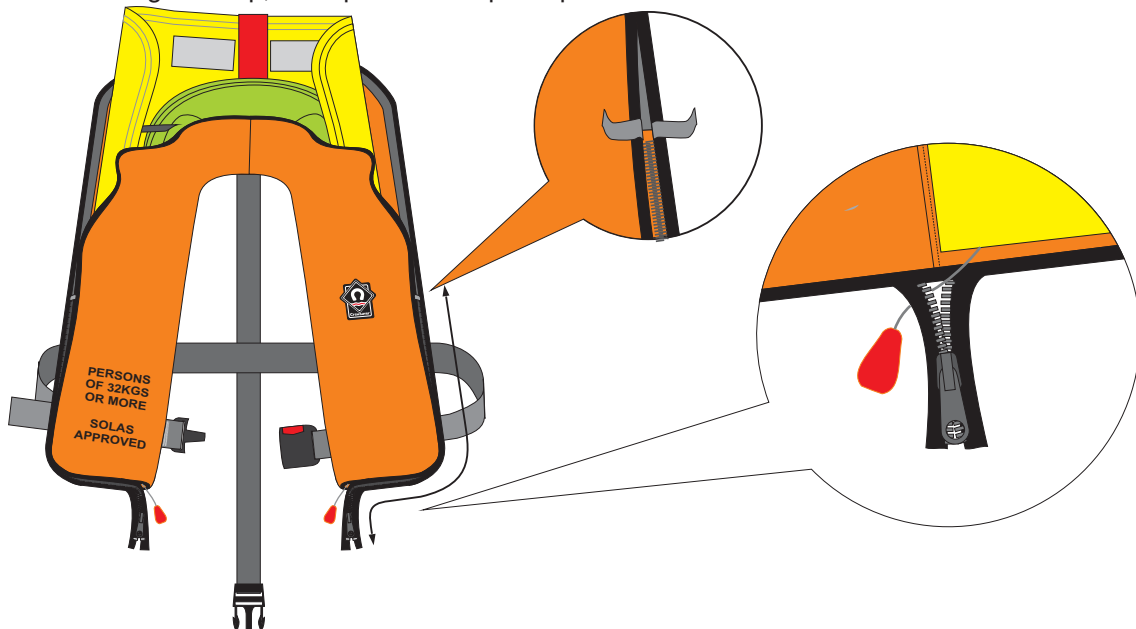
8

Fold the outside edge of the inflation chamber to reveal the operating mechanism. The fold of the chamber should be parallel to the side of the cover. Note: the operating mechanism lever should be below the light unit. Fold over the inside edge of the chamber. This fold should be loosely laid over the top of the fold already made.



9

Fold the lower section of the cover over and close the velcro tabs. Ensuring that the firing cord and toggle is positioned through the zip, run zip slider to top of zip and back to close.



10

Concertina fold the top of the inflation chamber twice - folding over the top of the sprayhood. Ensure that the central red retaining webbing is positioned in the centre and not twisted. Close the remainder of the cover by pressing the velcro closures firmly together. Ensure that no part of the inflation chamber is visible. Tuck flying ends of zips complete with slider into the bottom of the lifejacket cover.

