



# Repacking Instructions

## Flotation Collar

### #740 (70 lbs) (V5.1)

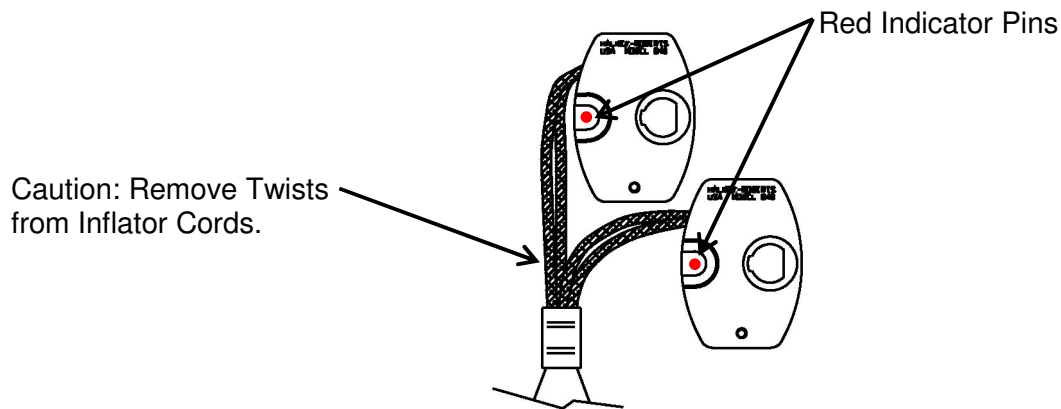
#### Preparation

- Large, flat surface. Remove sharp objects with the potential to damage the inflatable bladder.
- Gather required equipment:
  1. 2 each replacement 33 gram CO<sub>2</sub> cylinders (LSC #484)
  2. Replacement red indicator pin, 2 each.
  3. Optional: small shot bags for use as weights or small plastic spring clamps with soft rubber/plastic inserts to aid in the repacking of the inflatable bladder.

#### Instructions

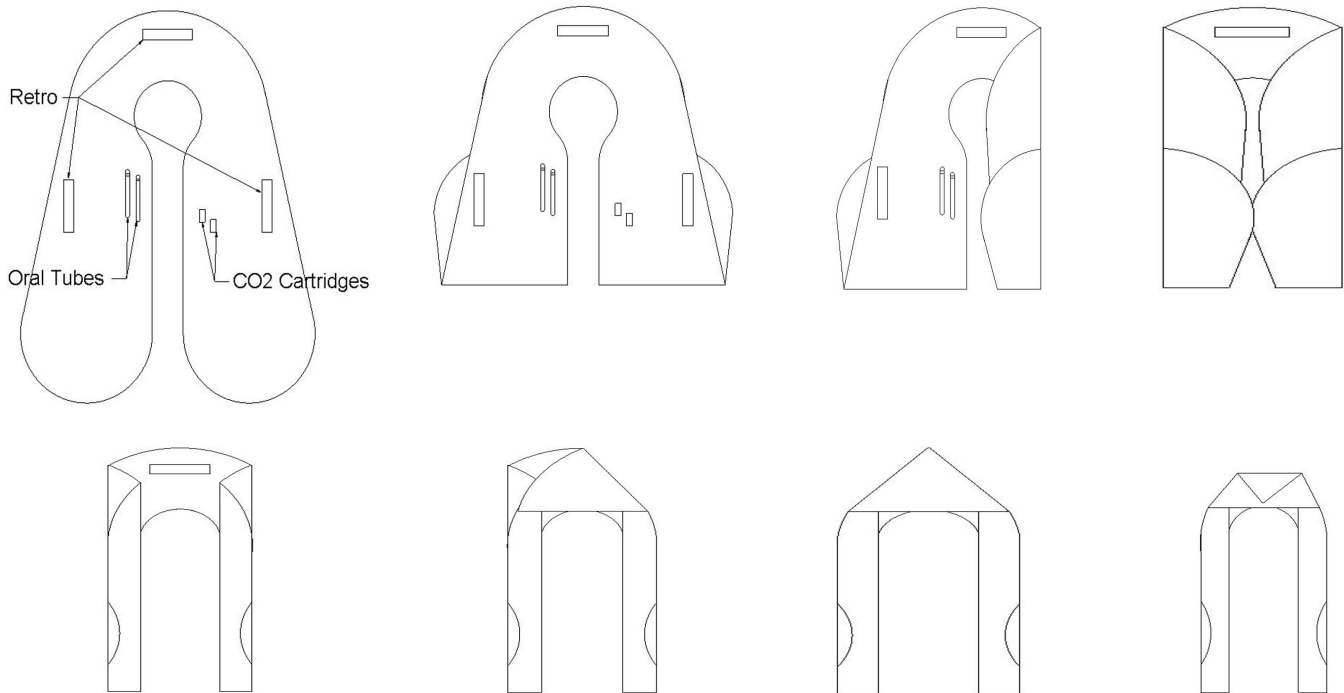
For instruction purposes all orientations reference the wearer's right & left.

1. If bladder is inflated then deflate by unlocking both oral tube valves and depressing. Gently compress the bladder with hands and arms forcing air out through the oral tubes.
2. Remove flotation collar from carrier/vest assembly by releasing the four (4) mini-buckle fittings, and undo the plastic snap fasteners (2 each) on the underside of the collar.
3. Lay the flotation collar out flat with topside facing up. If not already done so, undo the snap fasteners on the right closure flap.
4. Ensure that the closure zippers are fully disengaged along their full lengths. Part the zippers with your fingers as required and spread the case open to completely lay out the bladder.
5. Remove and discard the spent/punctured CO<sub>2</sub> cylinders. Remove and discard broken indicator pins
6. Visually inspect the case, inflatable bladder and components of the flotation ensemble. Replace damaged bladder and/or components as necessary. Ensure all components are clean and free of dirt, grim or debris, etc. If soiled hand wash with warm water and mild detergent. Allow components to air dry, protected from direct exposure to sunlight before proceeding further.
7. Place the actuator levers in the up and armed position (see Diagram A). Install one new red indicator pin (LSC #HI015) into each manual inflator. Install two new CO<sub>2</sub> cylinders. Hand tighten each cylinder ¼ turn after seal contact (**AVOID** over tightening).



**Diagram A**

8. Thread the beaded CO<sub>2</sub> pull lanyard through the exit at the bottom of the left extension. The exit is between the sewn seam of the case and the zipper tape. Take precaution to remove all twists from the cords leading to the CO<sub>2</sub> actuators.
9. It is important that trapped air be removed to aid in the repack of the bladder assembly, and to provide for a compact and low profile collar. Remove trapped air by unlocking both oral tube valves and depressing. While the valves are depressed work all trapped air towards the oral tubes with your hands. Fold portions of the bladder to prevent air from moving back into previously evacuated sections. A small electric vacuum pump may be used to aid in removal of the trapped air.



**Diagram C**

10. Lay the inflatable bladder out flat and begin the fold process (refer to bladder fold illustrations - Diagram C) Actuators and oral tubes should be facing up

**TIP:** The folds from the original packing will have placed a set in the fabric of the bladder along the fold lines. Use these as a guide to aid in repacking the bladder. NOTE: you may have to establish new fold lines if the cell was improperly packed in the past.

**TIP:** Small shot bags or small plastic spring clamps will aid in maintaining the folds as you work on different areas of the bladder.

- a. Fold the bottom of both the left and right extensions of the inflatable bladder under along a horizontal line extending out from the bottom of the bladder attachment tabs.
- b. Fold over the left extension (side with CO<sub>2</sub> actuators) of the inflatable bladder towards the center of the assembly along a vertical line extending the length of the inflatable bladder. This fold should be up tight against the CO<sub>2</sub> actuators/cylinders (approximately 3-4" in width). Continue to fold the remainder of the left extension upon itself in accordion fashion. Align fold edges with either the inner vertical edge of the bladder or with the outer edge of the previous fold. When completed, a total of 3 accordion-type folds will have been made, having a total fold width of approximately 3-4" as measured along the left extension. Lay a shot bag across the folds or use a clamp to prevent undoing.
- c. Repeat step "b" in similar fashion for the right extension. Take the right extension (side with oral inflation tubes) and make a fold towards the center of the assembly along a vertical line extending the length of the inflatable bladder. This fold should be approximately 3-4" in width from the inner edge of the bladder. Continue to fold the remainder of the right extension upon itself in accordion fashion. Align fold edges with either the inner vertical edge of the bladder or with the outer edge of the previous fold. When completed a total of 3 accordion type folds will have been made, having a total fold width of approximately 3-4" as measured along the right extension. Lay a shot bag across the folds or use a clamp to prevent undoing.
- d. Move to the top of the inflatable bladder. From the top of the right extension fold the bladder over along a 45° angle from horizontal.
- e. Repeat step (d) for the opposite side (top of left extension).
- f. Fold the top of the bladder under along a horizontal line approximately 3" from the top of the neckline. Lay a shot bag across the top folds or use a clamp to prevent undoing.
- g. Snap the inflation lanyard to the front cover. Ensure that the lanyard is not twisted.

**11. Secure the folded bladder within the outer case.**

- a. Starting from the bottom of the right and left extension/lobes, lock slide the zipper slider to the stops at the closure flap
- b. Slide the zipper slider just past the first top inboard corners of the case.
- c. Snap the closure snaps. Check that the zipper chain remained closed near the stops.
- d. Carefully close both zippers.
- e. Carefully insert the ends of the zipper into lower corners of the case
- f. During steps 10.a through 10.g, adjust the case and bladder for fitment, removing wrinkles and gatherings. Fine-tuning of the folds may be required to obtain proper fit.

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