



Repacking Instructions

Flotation Collar

#742 (50 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 25 gram CO₂ cylinders (LSC #350).
 2. Replacement red lock pins, 2 each.
 3. Zipper slider (2 each) for closing the outer case.
 4. 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 side pull-tab 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 CO₂ cylinders. Remove and discard broken lock 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 lock pin (LSC #HI015) into each manual inflator. Install two new CO₂ cylinders. Hand tighten each cylinder ¼ turn after seal contact (**AVOID** over tightening).

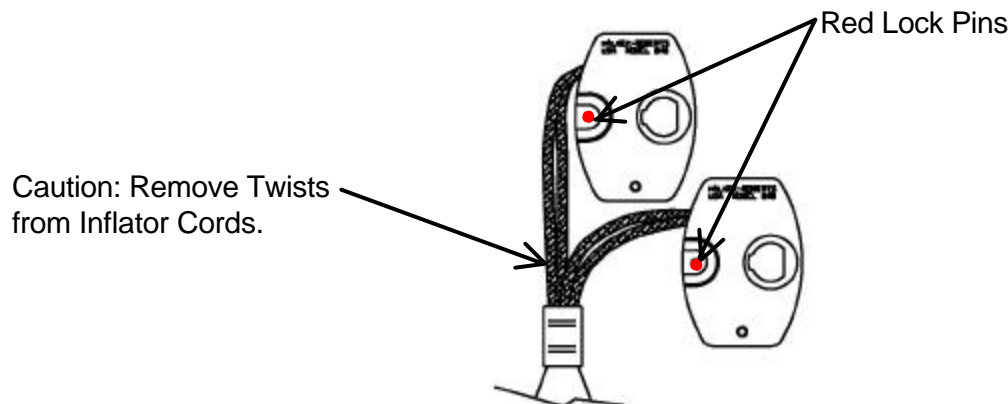


Diagram A

8. Thread the beaded CO₂ pull lanyard through the exit at the bottom of the left extension. The exit is between the sewn seam of the case and the end of the zipper stop. Take precaution to remove all twists from the cords leading to the CO₂ 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.

10. Release and lock the oral tube valves in the closed/sealed position.
11. Using McNett Silicone Spray Lubricant and Protectant (LSC P/N 626) or similar, lightly spray both top and bottom fabric surfaces of the inflatable bladder, the inside fabric surfaces of the outer case and the plastic zipper coil/chain. Only a light spray on the noted surfaces is required. Do not saturate the fabrics or zipper. Wipe off any excess silicone lubricant with a clean cloth and allow lubricant on all surfaces to air dry.

An alternate dry silicone spray lubricant may be used if the McNett Silicone Spray Lubricant & Protectant is not available. Ensure the silicone spray is a dry type lubricant and is safe for use on plastics.

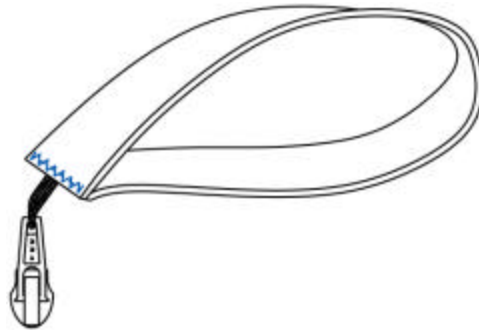
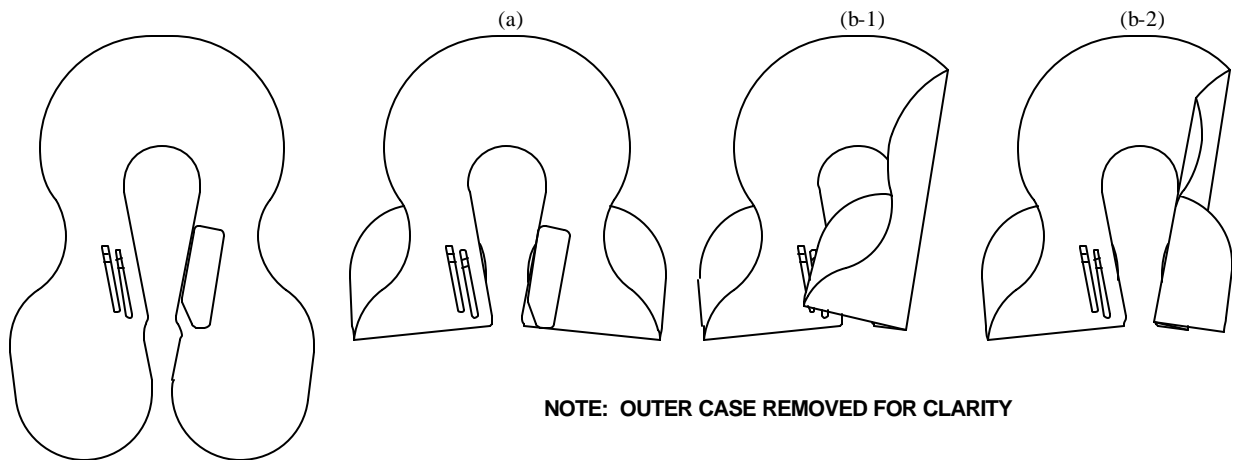


Diagram B

12. Install zipper sliders onto the outer case. With the front of the collar facing up and starting at the pull-tab closure on the right side extension/lobe (pull-tab not to be confused with the inflation lanyard on left side of the collar), install one zipper slider (see Diagram B) on the upper cord of the long zipper located above the pull-tab opening. Install the second zipper slider on the lower zipper cord of the short zipper located below the pull-tab opening. Move both sliders to their respective zipper retainer (stop) located at the bottom of each extension.

Note: Ensure that each slider mates properly with the respective zipper retainer (i.e. flat-to-flat), if not remove the slider, reverse orientation and reinstall slider on the appropriate zipper cord.



NOTE: OUTER CASE REMOVED FOR CLARITY

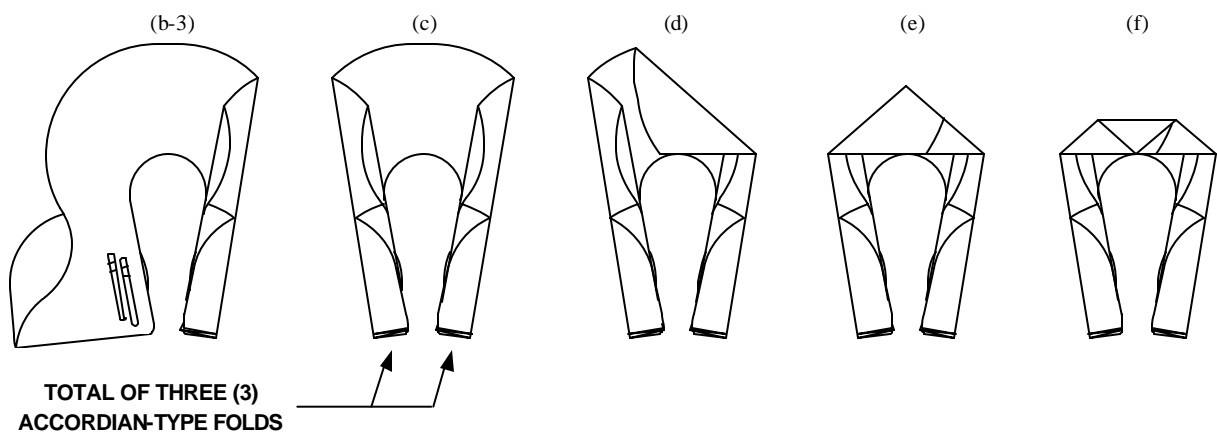


Diagram C

13. 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.
- 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.
 - Fold over the left extension (side with CO₂ 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 CO₂ actuators/cylinders (approximately 34" 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 34" as measured along the left extension. Lay a shot bag across the folds or use a clamp to prevent undoing.
 - 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.
 - Move to the top of the inflatable bladder. From the top of the left extension fold the bladder over at approximately a 45° angle from horizontal.
 - Repeat step (d) for the opposite side (top of right extension).
 - Fold the top of the bladder over and on top of the existing folds 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.
14. Secure the folded bladder within the outer case.
- Starting from the bottom of the right extension/lobe, tuck the first 6 inches of the folded bladder into place within the case.
 - Close the short zipper on the right extension/lobe. Place the pin (lead) of the zipper cord into the zipper slider and begin to zip close. Continue to tuck the bladder and close the case with the zipper until the right side is packed and the short zipper is completely closed up to the pull-tab opening. Carefully remove the zipper slider and snap the pull-tab closed to temporarily secure the lower portion of the right extension/lobe.
 - Transition to the left extension/lobe and ensure that the inflation pull lanyard exists the case properly with no twist in the inflator cords. Inflation Pull Lanyard must exit between the sewn seam of the case and the zipper stop.
 - Starting from the bottom of the left extension/lobe, tuck the first 6 inches of the folded bladder into place within the case (remove and replace clamps as necessary).
 - Close the long zipper. Place the pin (lead) of the zipper cord into the zipper slider and begin to zip close. Continue to tuck the bladder and close the case with the zipper until the both the left and right sides are packed and the long zipper is closed completely down to the pull-tab opening.
 - Taking caution not to part either the short or long zippers, carefully unsnap the pull-tab and then remove the zipper slider from the long zipper.
 - Re-close the side pull-tab closure on the right extension/lobe & secure the single snap fastener of the pull-tab.
 - During steps 14.a through 14.f, adjust the case and bladder for fitment, removing wrinkles and gatherings. Fine-tuning of the folds may be required to obtain proper fit.
 - Secure the beaded inflation lanyard to the front of the flotation collar with the two snap fasteners.

WARNING: Ensure both zipper sliders have been removed from the packed case prior to placement in service. Retain zipper sliders for future repack and store in a safe location.

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