

Technical Service Bulletin

Hammerhead Life Preserver

ISSUE DATE:	June 04, 2019	TSB NUMBER	TSB-19-003
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HAZARD / URGENCY RATING	
	DANGER – Injury possible if TSB not observed or followed
X	WARNING – Product damage possible if TSB not observed or followed
	CAUTION – Essential issue affecting operation, service, or parts
	INFORMATIONAL – Advisory which may be of interest

APPLICATION:

This Technical Service Bulletin (TSB) applies to Hammerhead Life Preservers with the following part number:

- 67003, Life Preserver, Hammerhead, Black, Standard
- 67004, Life Preserver, Hammerhead, Black, Quick Ejector Harness
- 67006, Life Preserver, Hammerhead, Black, CSF
- 67006-001, Life Preserver, Hammerhead, Black, PFDT-65
- 67007-001, Life Preserver, Hammerhead, Black (CTLP)

SUMMARY:

This Technical Service Bulletin warns users of the above listed Hammerhead Life Preservers of the impact of broken stitches in the neck seam of the Hammerhead cover. A broken stitch will reduce the seam strength and may lead to rupture of the Hammerhead cover during inflation causing loss of buoyancy. A method of visual inspection follows.

IMPACT:

The Hammerhead cover has three high stress area when inflated:

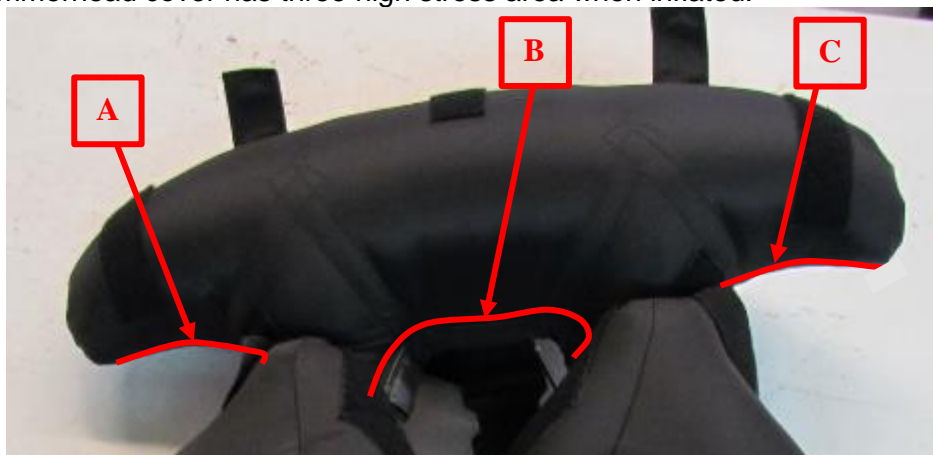


Figure 1 Three High Stress Area

If there is a broken thread in any of these areas, the cover may rupture during manual or automatic inflation. Should this occur, the jacket will lose its buoyancy because the chest lobes won't open. The user's head may be pushed forward when the bladder erupted from the cover. In certain cases, the bladder could rupture which would cause the total loss of buoyancy and produce a loud noise very close to the user's head.

ACTION:

1. Follow the service manual to disassemble both mechanical inflators.



Figure 2 Mechanical inflators to remove

2. Open the zipper to expose the head bladder by threading a string through the zippers slider and pulling to open.



Figure 3 Opening head lobe

3. Reach inside the Hammerhead cover and grasp the high stress seams (See figure 1).
4. Bring the seams as close as possible to the zipper opening without using excessive force.



Figure 4 Neck seam

5. Use a flashlight to inspect the stitching on each side of the seams and look for any gaps in the stitching. A broken thread will look like the figure below.

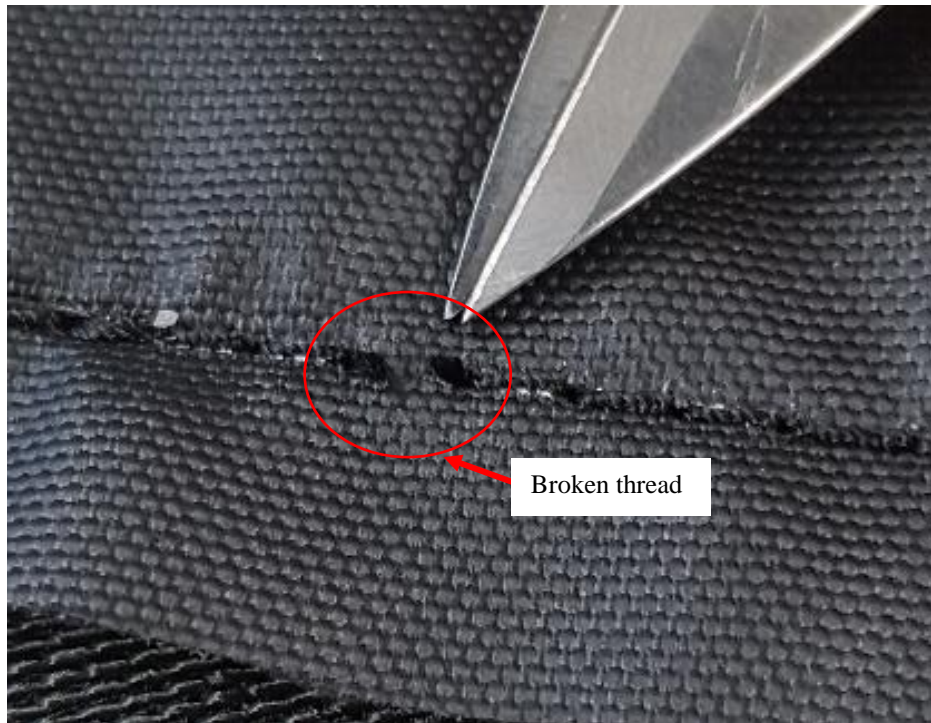


Figure 5 Broken thread

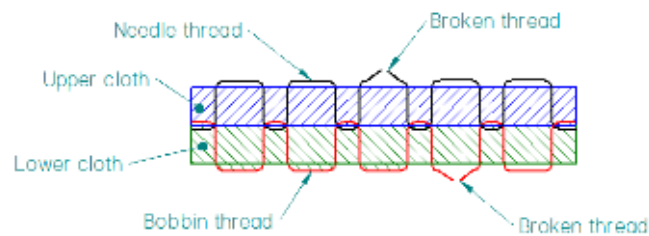


Figure 6 Broken thread illustration

6. If a broken thread is found or suspected, please contact Tulmar for an RMA number to return the life preserver to Tulmar for repair.
7. If no broken threads are found, the life preserver can be reassembled, rearmed, repacked and stored following the service manual. Record the life preserver serial number and the action taken in the maintenance record.

CONTACT:

Please contact Tulmar Customer Service Department at (613) 632-1282 ext 228 or by e-mail at military@tulmar.com.