

Technical Service Bulletin

67004, Life Preserver, Hammerhead, Black, Quick Ejector Harness
67006, Life Preserver, Hammerhead, Black, CSF

ISSUE DATE:	March 25, 2014	TSB NUMBER	TSB-14-003
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HAZARD / URGENCY RATING

	DANGER – Injury possible if TSB not observed or followed
	WARNING – Product damage possible if TSB not observed or followed
	CAUTION – Essential issue affecting operation, service, or parts
X	INFORMATIONAL – Advisory which may be of interest

APPLICATION:

This Technical Service Bulletin (TSB) applies to Hammerheads that Tulmar has manufactured with the following part number and prior to Serial Numbers:

- 67004, Life Preserver, Hammerhead, Black, Quick Ejector Harness, SN: 67004-14-001
- 67006, Life Preserver, Hammerhead, Black, CSF, SN: 67006-14-1083

SUMMARY:

This TSB is to address an issue of premature tearing of the top end of the pull cord Velcro closure (a non-life saving component of the Hammerhead life preserver).



Tulmar Engineering has determined that the tearing of the top end of the inflation cord Velcro sleeve is a result of the manual inflation cord’s knot causing a tearing motion on the Velcro after repeated use. If manual inflation of the product is attempted with the incorrect pull direction, the tearing is accelerated. This condition of premature wear does not affect the functionality or serviceability of this life saving device.

Tulmar Engineering recommends cutting off and tapering the ends of the Velcro sleeve system as discussed in this TSB. This solution can be applied in the field or during routine maintenance of the product at an authorized repair facility.

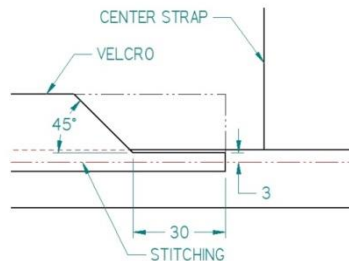
IMPACT:

This solution does not significantly alter the snagging characteristics of the inflation cord system yet does increase the longevity of the design when used as intended.

TULMAR

ACTION:

1. Lay the life preserver onto a flat, clean surface, chassis side (handles and pull cords) facing upwards. Equipment needed: ruler or HH trim template, marking item (wax pencil, silver marker or equivalent), and scissors.
2. Grasp the head lobe and separate the fastening strips on each side and center to unfold.
3. Open the cylinder webbing loop. Grasp by hand the CO2 cylinder and turn counter-clockwise to unscrew the cylinder from the inflator mechanism. Carefully observe the location of the cylinder gasket while removing the cylinder.
4. Detach pull handles from their packed location and extract both pull cords from the Velcro pull cord retainers.
5. Flatten the Velcro ends, mark the Velcros using the template or ruler.
6. Cut along the stitches, around 3 to 5mm away from them up to the markings.
7. Finish by cutting away from the stitches at an angle of 30 to 45 degrees, along the marking. Avoid leaving cut nicks in the Velcro which could create a stress point for new tears



8. Care must be taken to avoid damaging the life preserver cover, and other components.
9. Inspect, rearm and repack (as required) the life preserver according to the user's manual.

CONTACT:

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