

Transom Gunwale Leaks

Sea Ray

44DB

Palm
Coast



Transom Gunwale Leaks

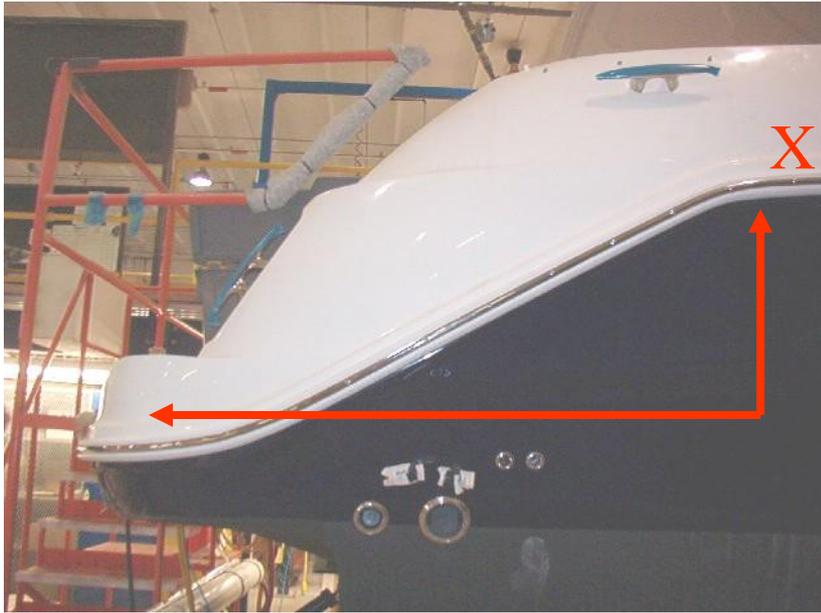
Findings

1. 44DB – Application of the caulk seam between the Deck and Hull may have voids.

Work:

- Remove the transom gunwale Stainless.
- Remove the transom gunwale.
- Remove all matting screws 7 thru bolts, from the upper most Port to the upper most Stbd corner.
- Transom area is glassed in the bilge so the deck to hull will not separate.
- Dig out caulk around the entire transom. (Bostik 940 is a stiff caulk.)
- Re do the seam with urethane caulk, Bostik 940.
- Must be squeezed up into the seam. A wedge may help to open the gap.
- Re install each matting screw by applying caulk to the hole and to the screw threads.
- Clean up any caulk that oozed out.
- Re install the gunwale, apply caulk to the hole and to the screw threads, re-secure.
- Re install the gunwale stainless.

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Remove the stainless & gunwale from Stbd to Port upper area.

This slanted section of deck is as important to seal as the aft section.

Water pressure while running can be forced through the smallest void in the caulk.



This area is also removed.

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Stbd

Center

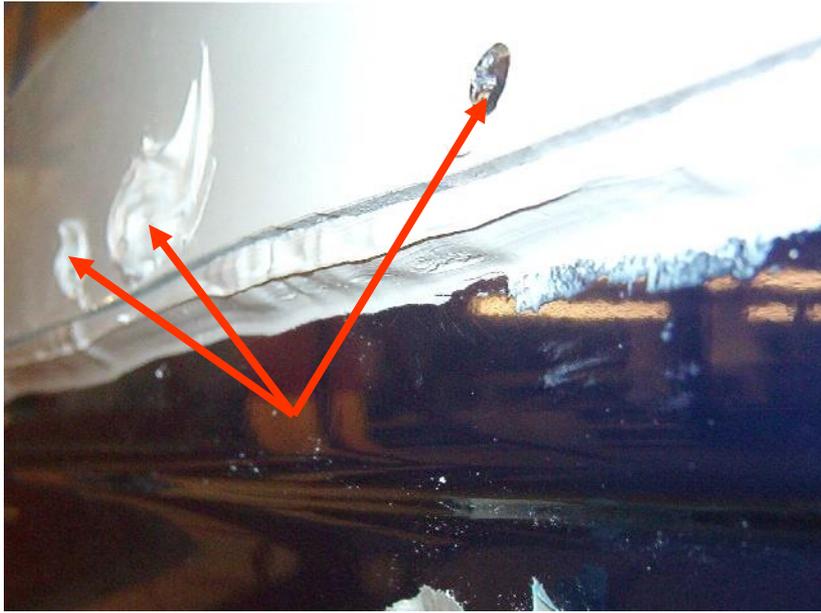
Port

Thru bolts need to be removed.

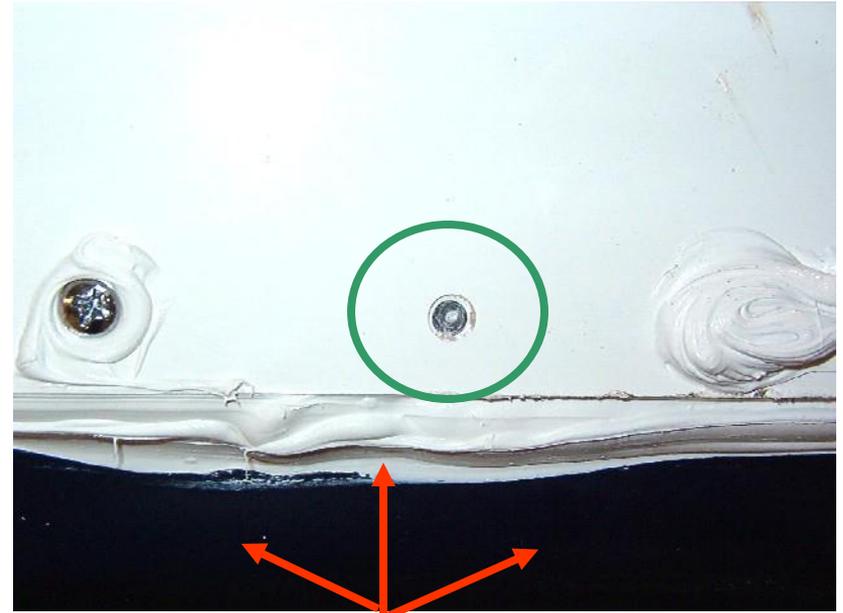
Deck to Hull caulked and glassed.

Check for water stains for intrusion location.

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Remove all matting screws.



Dig out the caulk from the seam between the Deck & Hull.

Be careful not to scratch the gel coat.

Potential leak, no caulk.

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With wedges spread the deck and hull
apart.
Then squeeze caulk up into the opening.



Apply caulk to each securing hole.
Squeeze into holes.

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Add caulk to the screws and thru bolt threads.

Re install each screw.



Caulk will ooze out during securing.

Clean up excess caulk and residue.

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Run a finish bead of caulk around the entire perimeter. No Voids.

Screws should be sealed in a bed of caulk.

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Re install the gunwale mold with caulk
in the holes and caulk on the threads.

When gunwale is installed, re install the
stainless.



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Re install the gunwale and stainless.