



Bladerider X8 – Vang Plate Replacement

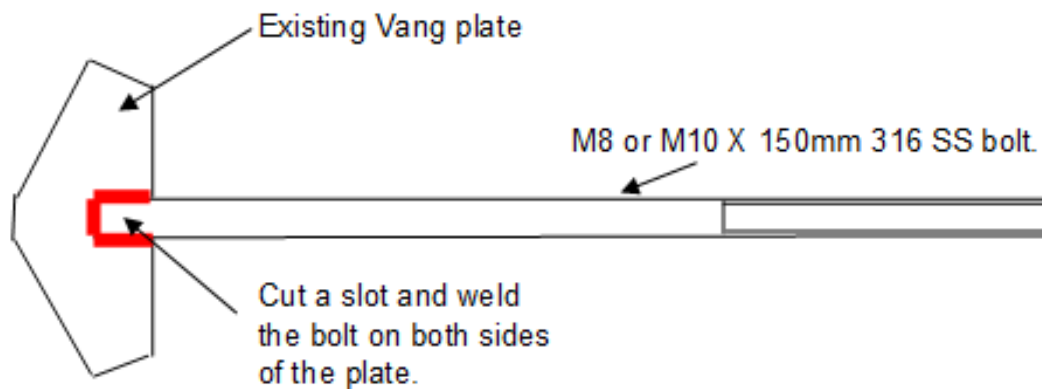
Last Update - July 1, 2009

We have found that there a small number X8 hulls built by McConaghy Boats in China that did not have the stainless steel vang tounge plate glued in properly. The system relies on uni-carbon threads being fed through five small holes in the stainless plate.

Of those that have let go so far, it looks as though the fibre had not been wetted out sufficiently or not enough fibre had been threaded through the holes. Consequently the plate easily rips out of the hull in the early life of the boat.

It is impossible to replace the plate using the original production method however these instructions are for reattaching the stainless steel vang plate back into the hull using an alternative and far stronger way.

If your boat is still under warranty, then Bladerider will cover the expense of the repair but only if a quotation is received and approved before work has commenced.



1. Firstly you will need to modify the existing vang plate as above.



2. Cut out a section of foredeck. Bigger is better and its no harder to fix than a small hole.



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3. Working through the hole in the foredeck, rough up the surface of the mast post tube.
4. Drill a 8mm or 10mm hole down through the socket where the plate pulled out, trying to keep the drill in the centre of the boat and at 30 degrees to the deck surface, which is the true angle of the vang system, that way you have a straight pull. Insert the plate and bolt attached from the deck to see that it all lines up correctly.



5. Inside the hull, add at least 8-10 layers of 200g carbon cloth on the outside of the mast post as the tube is very thin, to create a reinforced area that will then take the load of the bolt and washer on the end of the bolt.
6. Run the 8mm or 10mm drill back through the new reinforced section.
7. When you are sure that the new vang plate with the rod attached fits, fill the original vang socket on the outside of the hull with Epoxy glue, and insert the welded plate/bolt through the hole, slip the washer on, tighten, and clean up around the vang plate and your done.



8. Replace the foredeck panel, fill, sand and paint.