

G2 Daggerboard sealing improvement

You may notice that the G2 daggerboard may produce bubbles at the bottom of the daggerboard when foiling. This can be caused by multiple issues (water temperature, sailing too upright, sheeting too much and stalling the foil etc). An improvement has been made to reduce the amount of air that can travel down the daggerboard from deck level. There always needs to be clearance so the pushrod works properly and doesn't bind up during operation.

Before starting this improvement, check if your daggerboard pushrod has a white nylon coating on the pushrod. If it does, then proceed with the steps below.



Tools required:

- 1 x Flathead screwdriver
- 1 x Knife blade
- latex/nitrile gloves or similar
- Sikaflex 291 or similar PU adhesive
- Acetone or Mineral Turpentine
- Clean rags
- Hammer
- Drift/punch

Parts Supplied:

- 100mm piece Fiberglass tube
- Plugs 1, 2, 3, 4

1. Use a large flathead screwdriver and undo the 2 countersink bolts that hold the Top Cover in place.



2. Pull out the Pushrod assembly and place some tape at 160mm from the bottom of the pushrod.



3. Use a knife to score the white nylon covering around the stainless-steel pushrod.



- Cut the white Nylon coating off with the knife by sliding it down the pushrod on about a 10degree angle.
MAKE SURE TO CUT AWAY FROM YOURSELF!
Clean off any excess carefully.



- Test fit the 100mm piece of tube to make sure it slides nicely on the pushrod.



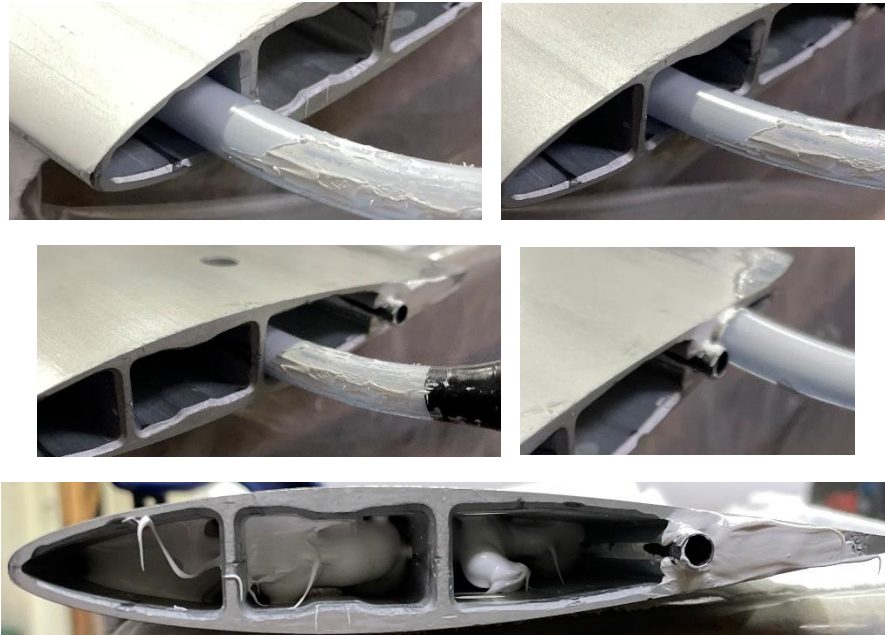
- Check your Daggerboard is clean and free from any water or debris.
- Clamp your Daggerboard down to a table or hold securely in a vice. Be sure to protect the outside to not damage it.
- Put on your gloves and apply some Sikaflex to the outside of the 100mm piece of fiberglass tube. Be sure not to coat the end 10mm so no Sikaflex can get inside the tube.



- Insert the fiberglass tube put in until about 5mm from the end of the daggerboard.

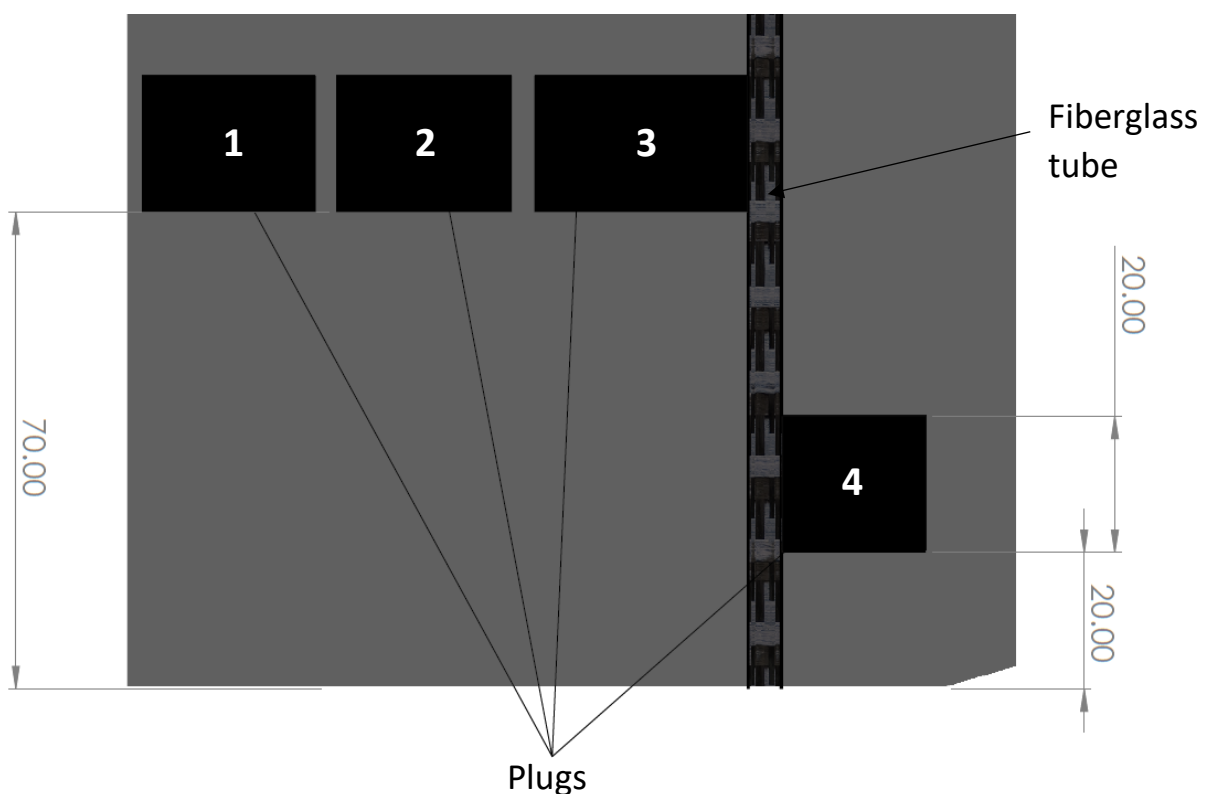
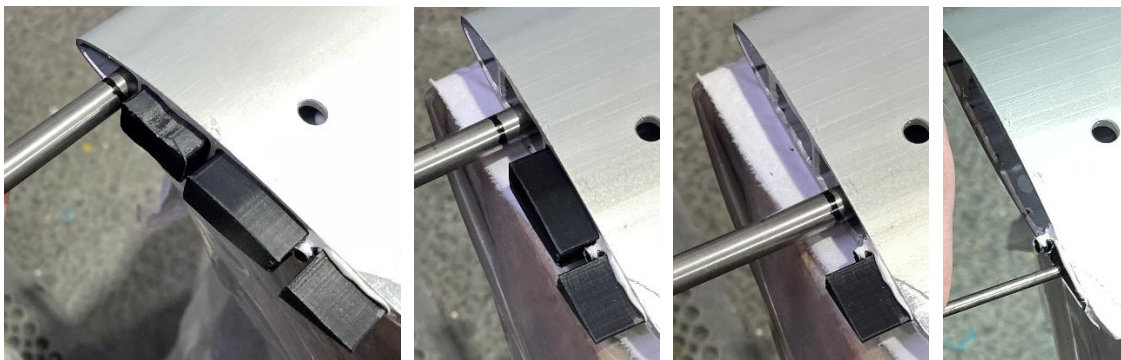


10. To put in all the plugs, squirt some more Sikaflex into the cavities. It can help if you can extend the nozzle to be able to get the Sikaflex up further. We use a plastic tube and tape it onto the nozzle.

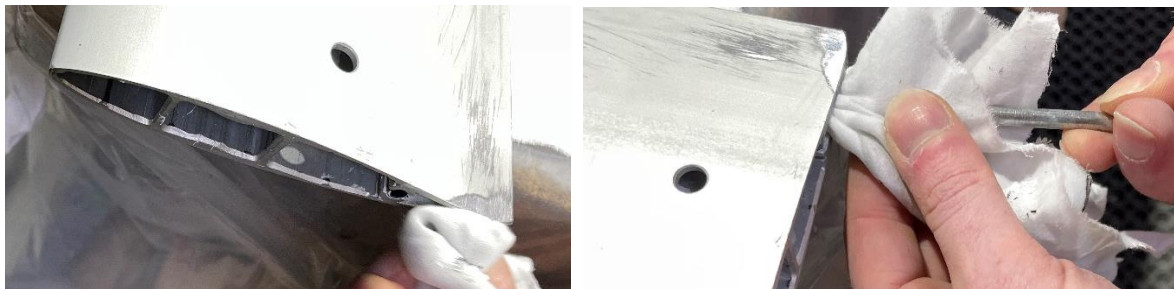


11. Place the plugs in their cavities and use a drift/punch, rod or screwdriver end to poke the plugs into the correct depth. You may need to use a hammer to give them a firmer tap into place.

For plugs 1, 2 and 3 poke them up 70mm. For plug 4, you only need to poke it up 20mm.



12. After the plugs are in, push the fibreglass tube in until flush with the bottom of the daggerboard.
13. Clean off any residual sikaflex with Acetone or Mineral Turpentine on a rag. It can help to put the rag on the end of a small screwdriver to clean up inside the cavities.



14. Wait for the Sikaflex to dry.
15. Once Sikaflex is dry, insert the pushrod in from the top, place the top cover on, insert the CSK bolts and tighten them up.



16. Check the pushrod runs smoothly and make sure the Main Lifting Foil inserts as normal. If it doesn't check for any residual Sikaflex and clean in out.

Feel free to ask us any questions

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