

# VAYU

## CARE AND MAINTENANCE

READ THIS USER GUIDE CAREFULLY  
BEFORE USING YOUR BOARD

## **AS IN ANY GOOD RELATIONSHIP, YOUR FOIL, WING, BOARD OR KITE NEEDS LOVE, ATTENTION AND CARE!**

You've made the splurge, and like anything of value, your new foil needs proper care. If treated as a set-it-and-forget-it component, it will soon become seriously corroded.

### **WHY DOES YOUR FOIL CORRODE IN SALT WATER?**

#### *THE SCIENCE OF GALVANIC AND ELECTROLYTIC CORROSION*

It's not simply the saltwater-meets-metal aspect that triggers the detrimental reaction in your foil. The problems are exponentially less pressing if you're a freshwater foiler, but the two primary archenemies in this story are carbon and aluminum.

Saltwater acts as an electrolytic bridge between the wet, ignoble aluminum, thereby coaxing it into reacting with its neighboring carbon. Though we've thoroughly separated the two with a generous layer of fiberglass, saltwater invariably travels

up the threads in the titanium bolts. This is especially true if even the smallest grains of sand get stuck in the threads and the crust begins to build. Once the aluminum and carbon are wedded, they don't like to come apart. Over time, what's left is a bolt that refuses to budge, and a prompt call to our VAYU customer service line...

The good news: frequent loosening and flushing with freshwater significantly slows this process and if you'll do this frequently, your foil will last for many years.

## MAINTENANCE

Proper maintenance, both before and after using your foil, are essential for prolonging its life. To minimize sand and dirt exposure, it's important to assemble your foil in a clean, sand-free area. If transporting your foil fully assembled is not an option, assemble as many components as you can ahead of time.

Follow these simple steps regularly to minimize corrosion and prevent the components of your foil from fusing together. This is especially important with saltwater exposure!

1. Rinse your foil with fresh water after every use.
2. Disassemble and clean your foil regularly.
3. Before assembling, coat all areas of your foil and hardware that are touching each other with Lanolin oil or an equivalent. Don't forget the inside of your front wing. A cotton swab works well for this.
4. Coat all bolt hardware with Lanolin oil and wrap with Teflon tape before assembling.

For saltwater exposure, we recommend repeating this process every time you foil, to maximize protection against corrosion.

### Notes:

1. Lanolin, or wool's wax, is a natural oil that acts as a lubricant and a water repellent. If you have an allergy to wool, be sure to take precautions or use a different oil.
2. Wrap all bolt hardware in a thin layer of Teflon Tape. This will be a little tricky with bolts covered in a layer of Lanolin oil, but it acts as a second layer of protection to prevent your bolts from corroding and fusing with other components. Wrap the tape tight, so it fits through the threads of the foil properly without peeling off.
3. After these steps, assemble your foil as directed.

# VAYU

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