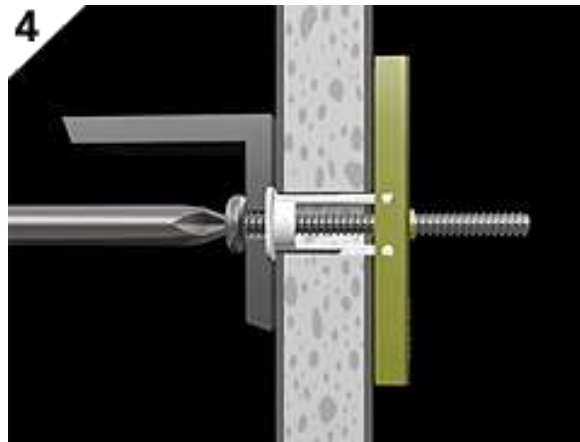




## Aero Rudder Fittings

In order to strengthen the stern of the RS Aero dinghy, a Toggler bolt is used, which spreads the pullout, vertical and shear loadings over a much larger area of the hull than just the screw threads in the plywood. This system uses a patented stainless steel toggle plate and bolt which provides a much stronger permanent solution, which can be easily retrofitted to all existing RS Aero dinghies.



Toggler bolt in place to distribute the loads

Installation of the Toggler bolt is quite simple, requiring removal of the bottom rudder fitting, drilling the existing hole to ½ inch, inserting the Toggler bolt, sealing with Sikaflex and replacing the rudder fitting.





# GLIDE FREE FOILS

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This process can be carried out in the factory, by a boat builder or even by the owner. Glide Free Design supplies the Toggles and new bolts as part of the Glide Free Aero foiling kit.



Here is a video animation showing how it is installed:  
<http://www.toggler.com/products/snaptoggle/overview.php>

This method has proven to be successful in resisting high loads to the Aero hull and even enables our foiling kit to be attached with full confidence for fast, enjoyable foiling.

**Glide Free Design**