

AeroSouth

User Guide: FS Rudder Blade for Sunfish

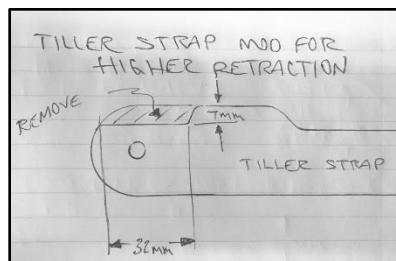
Purpose: Replacement for older Sunfish rudder blades for improved speed and handling.

Material: Laminate of sapele and carbon fiber, protected with epoxy coating. When not in use, best is to store parts in a dark, dry location.

Installation:

1. Remove existing rudder assembly from gudgeon bracket.
2. Carefully remove both tension springs and save for later.
3. Remove rudder pivot pin and tiller, save hardware for later.
4. Re-assemble rudder in reverse order as above.
5. Use thin nylon washers as required for a snug fit that still allow free rotation of the rudder blade and the tiller.

Note on Rudder Pop-Up Feature: The AeroSouth FS rudder blade was designed to be 100% compatible with standard rudder assembly hardware at the time of its design, 2020. Due to the vertical orientation of the FS rudder during normal operation, depending on your tiller the position of the blade when flipped up will be lower than for the highly-swept legacy blade. By removing a small amount of material from the two tiller straps (32mm x 7mm) a higher position can be achieved. (see images below) If you are used to beaching your Sunfish without manually lifting the rudder blade, be aware that the FS blade could be damaged in shallow water should it impact hard underwater objects.



Have Questions or Comments? Contact us at:

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