

Repositioning Rudder Cam

Drill a 3/16" hole, centered in the 1/2" wide flat of each cam. Insert the hook in the tool in the drilled hole to flip cam back to unlocked position.

Fore & Aft Rudder Blade Setting

The rudder should be firmly held against the black stop screw in the lower rudder casting under all sailing conditions. To adjust it to do so set up as follows:

1. Lift tiller arm, back out black screw a measured amount (say 3/4 turn), snap down tiller.
2. Hold rudder tight against screw, push upper casting aft to remove any play, push can stop plate into cam via its capscrew and tighten this screw.
3. Lift tiller arm, advance black screw the same measured amount, snap down tiller arm, check if adjustment is OK. If necessary redo to fine tune.

Adjusting Detent Plunger Force

This adjustment is very much determined by sailing conditions (shallow water or weed infested areas suggest very different spring tension). The all purpose tool is designed to be stiff, and does have a 1/4" hole in it for inserting a pin for additional leverage, however corroded in place screws or over-tensioned screws can require so much force that the tool twists. If the screw doesn't move relatively easily work it back and forth to loosen it, remove and lubricate it, as well as remove corrosion and dirt from the threads in the casting before reinstalling.

Note: Rudder cams and plungers are subject to wear so be sure to check for proper rudder positioning (lock down) every few weeks.



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