

# Swift Racing

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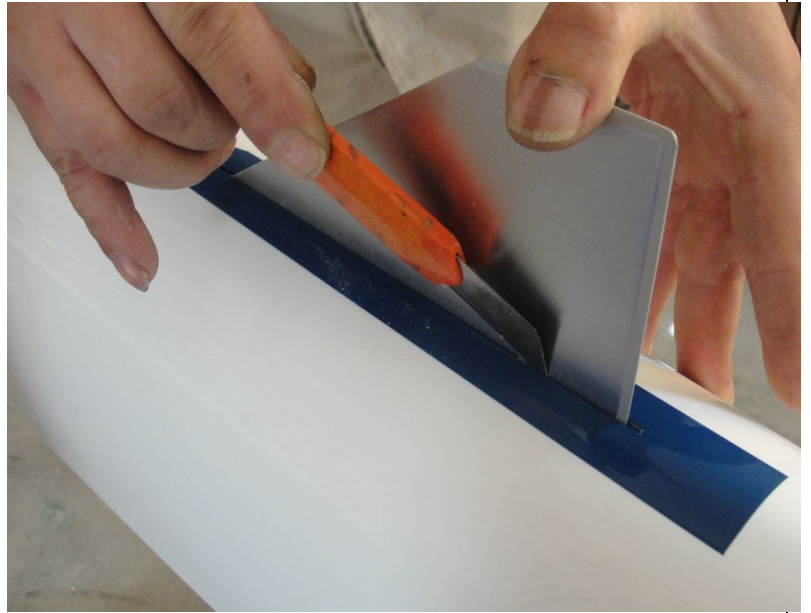
## Removing & Installing a fin

(in fibreglass fin box, no screw type for boats produced after Oct 2011)

### To remove the fin

#### Step 1

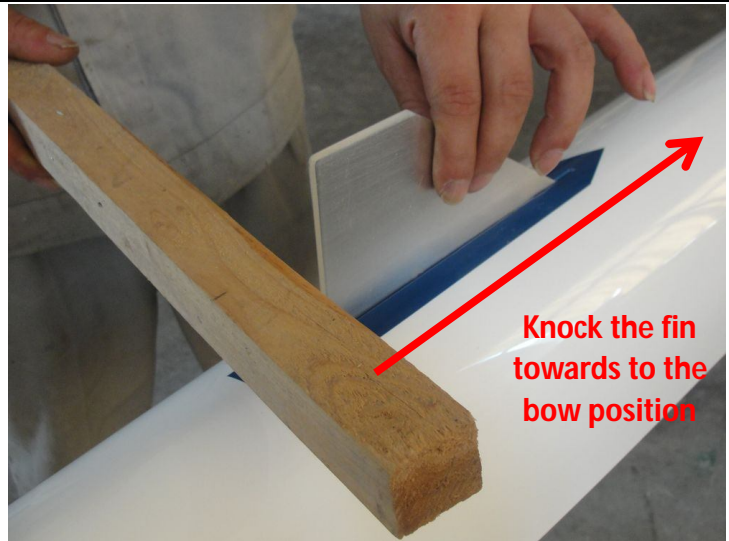
Keeping the blade tight against the fin, use a thin blade to cut through the silicon around the fin. You should do this several times.



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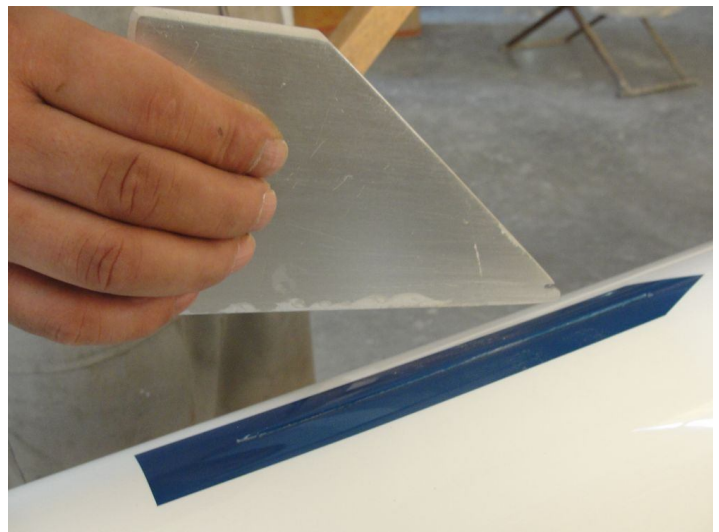
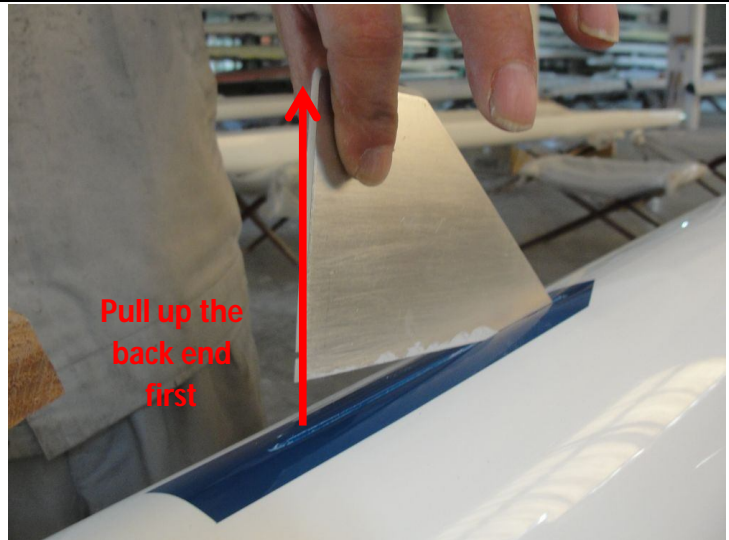
## Step 2

Use a piece of wood to knock the fin towards to the bow. To avoid damage to the boat, please knock the fin lightly. If the fin does not move, repeat Step 1.



## Step 3

When the fin has moved, gently lift up the back end of the fin, and pull the fin out towards the stern.



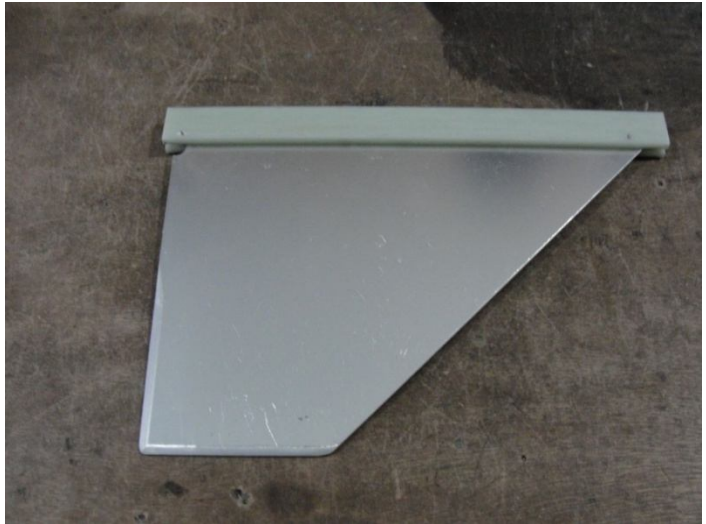
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## Step 4

Use the blade to gently remove any old silicon from the fin box (and fin, if necessary).



Here is a photo of the fibre glass fin box that is embedded in the boat.



In the fin box, there are two small pins to hold the fin.





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## To install the fin

### Step 1

After removing the old silicon from the fin box, fill the fin box with silicon.



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## Step 2

Push the fin into the front of the fin box.



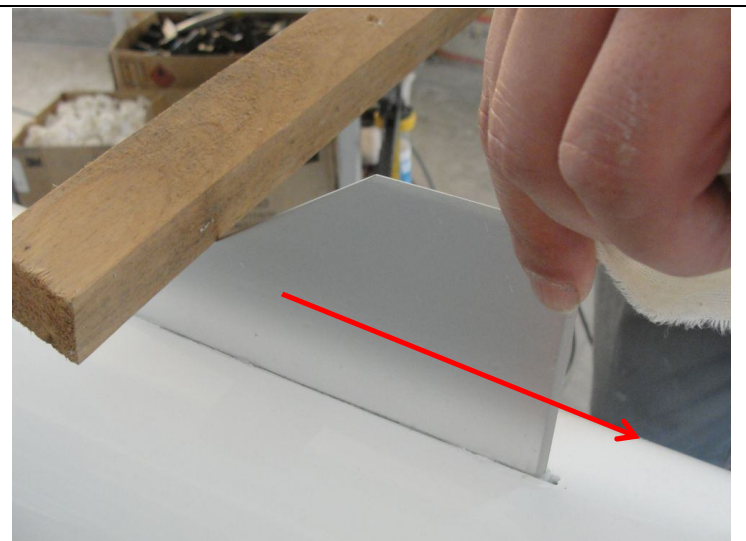
## Step 3

Push the back end of the fin down into the fin box.



## Step 4

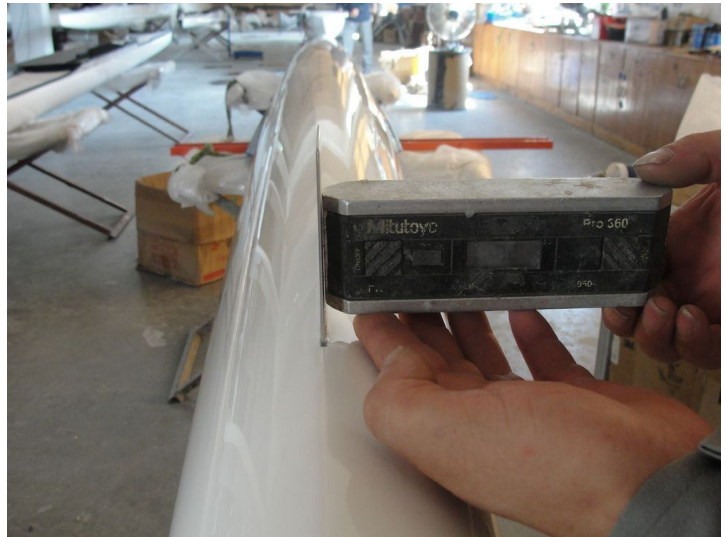
Use the piece of wood to move the fin towards the stern.



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## Step 5

Use a digital protractor to check that the fin is perfectly vertical with respect to the boat. If you don't have a digital protractor, use a spirit level.



## Step 6

You might need to use some masking tape to hold the fin in the right position.



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## Step 7

Use a clean cloth or paper towel to push the silicon into the fin box, especially at the front and back, and then wipe off all excess. The silicon can be easily removed, so no need to place masking tape around the fin box.



## Step 8

Wait 3 hours for the silicon to harden, then remove the masking tape that is holding the fin in position.

