



HUDSON

FIN INSTALLATION



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What does this process cover?

Ensures proper adhesion and alignment of the fin to the hull.

What you will need:

- Course Grit Sandpaper—P120 recommended
- Replacement Fin
- Hex L Key (Allen) 5/64"
- Clear silicone
- Masking tape
- Straight edge
- Box Level
- Torpedo Level
- Retractable bow knife

Optional

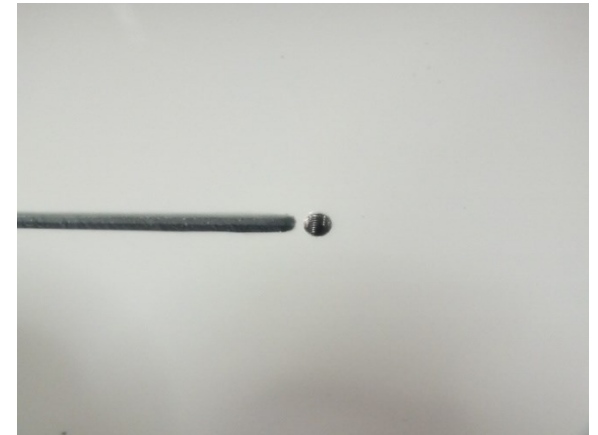
- Latex or Nitrile Gloves
- Laser with bow target



Step 1

Examine the fin slot and set screw hole. Using a retractable box knife, remove as much of the old silicone as possible, and confirm that the breakaway tab from the previous fin is no longer in. The allen key can be used to pick out stubborn silicone in the ends of the slot.

Inspect the slot for damage.



Step 2

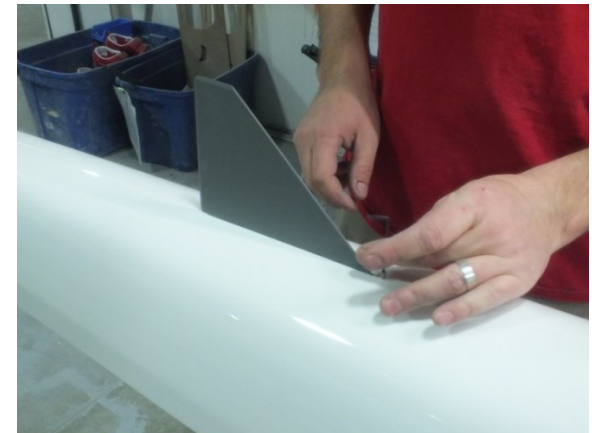
Scuff the inside of the fin slot with a piece of folded course grit sandpaper such as P120.



Step 3

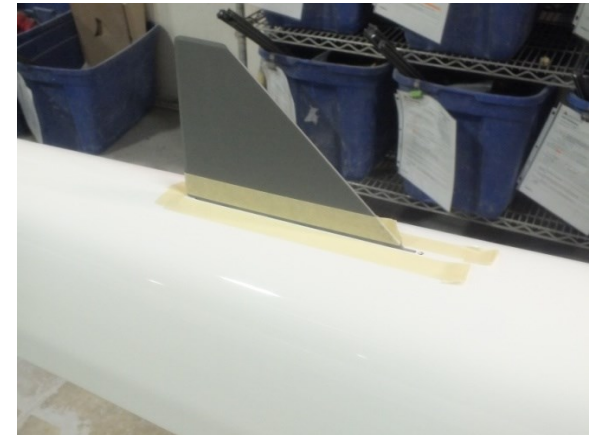
After blowing out the fin slot, dry fit the fin by:

- angling the breakaway tab down into the bow end of the fin box, and sliding it to bow
- dropping the stern end of the fin down, and sliding it to the stern to engage the tooth at stern edge of the fin
- replacing the set screw



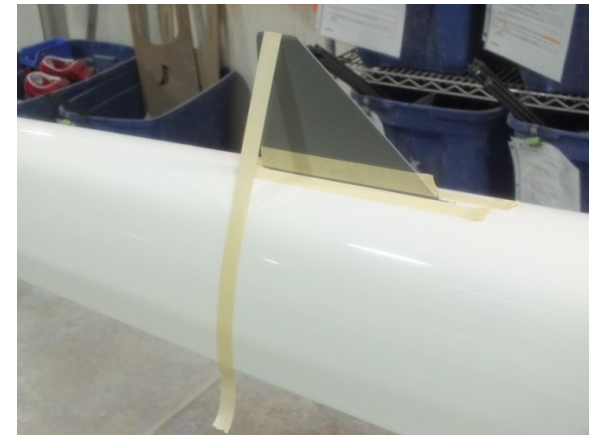
Step 4

Boarder the edges of the hull and fin with masking tape, leaving 3mm (1/8") showing on the fin and the hull . Fold the ends of the tape back onto itself to ensure easy removal.



Step 5

Apply a long piece of masking tape across the top of the fin. This will allow side-to-side adjustment of the fin.



Step 6

Use the box level across the gunnels to ensure that the boat is sitting level. Use the torpedo level in a vertical direction against one side of the fin to ensure that the fin is at 90 to the gunnels.



Step 7

Laser method

- Set up bow target
- Place the laser on one side of the fin, point the laser towards the bow

Alternative - Straight Edge Method

- Place the straight edge on one side of the fin towards the stern



Step 8

Laser Method

- Use the laser on both sides of the fin. The laser points should be equidistant from the midline of the target. If it does not, adjustments to the fin must be made.

Alternative - Straight Edge Method

- Use the straight edge on both sides of the fin. The straight edge should be equidistant from the midline of the stern tip.



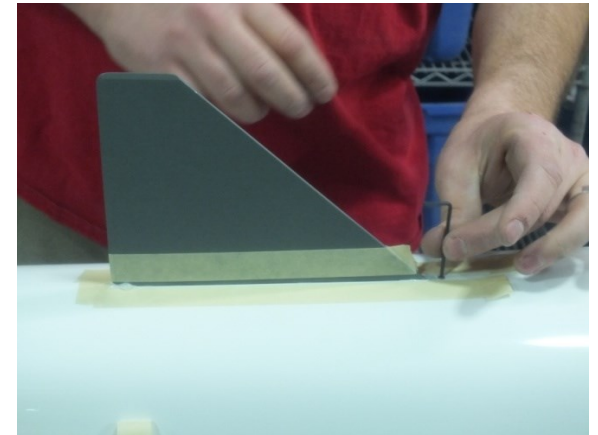
Step 9

Remove the set screw and fin, leaving the tape in place. Apply a line of clear silicone to the fin slot.



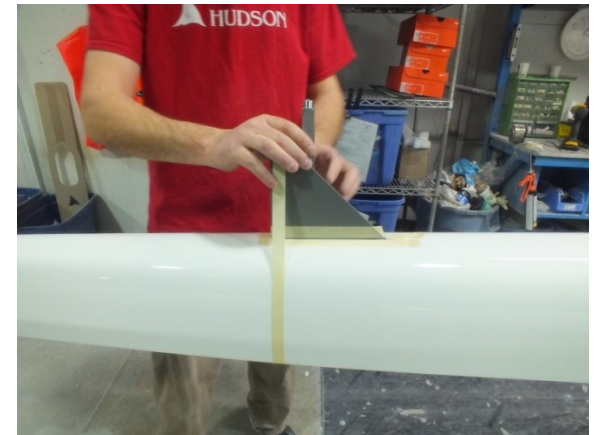
Step 10

Reinstall the fin and tighten the set screw



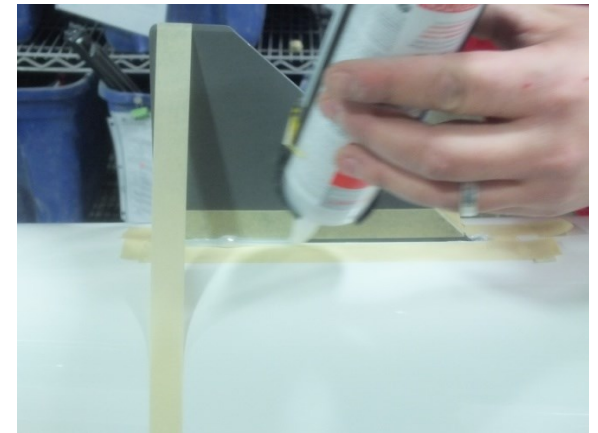
Step 11

Complete steps 5-8 again which includes leveling and ensuring the fin is straight in reference to the bow or stern.



Step 12

Apply a line of clear silicone to the gap between the fin and hull.



Step 13

Fair the new line of silicone with a flat wooden stick or a gloved finger. Remove the tape where the silicone was applied, and leave it to set for 24 hours.

