

# 650R

*Building the 650R*



*gospectre.com*



## the 650R

The following pages contain suggestions on how best to assemble your 650R hull and deck, you may like to try new ideas out!

Hulls are made from durable ABS plastic, paint can typically be applied without priming, try on an off cut first to ensure paint suitability.

Glueing is best with CA Glue ('superglue') and 5 minute epoxy to fill gaps and locate keel box etc.

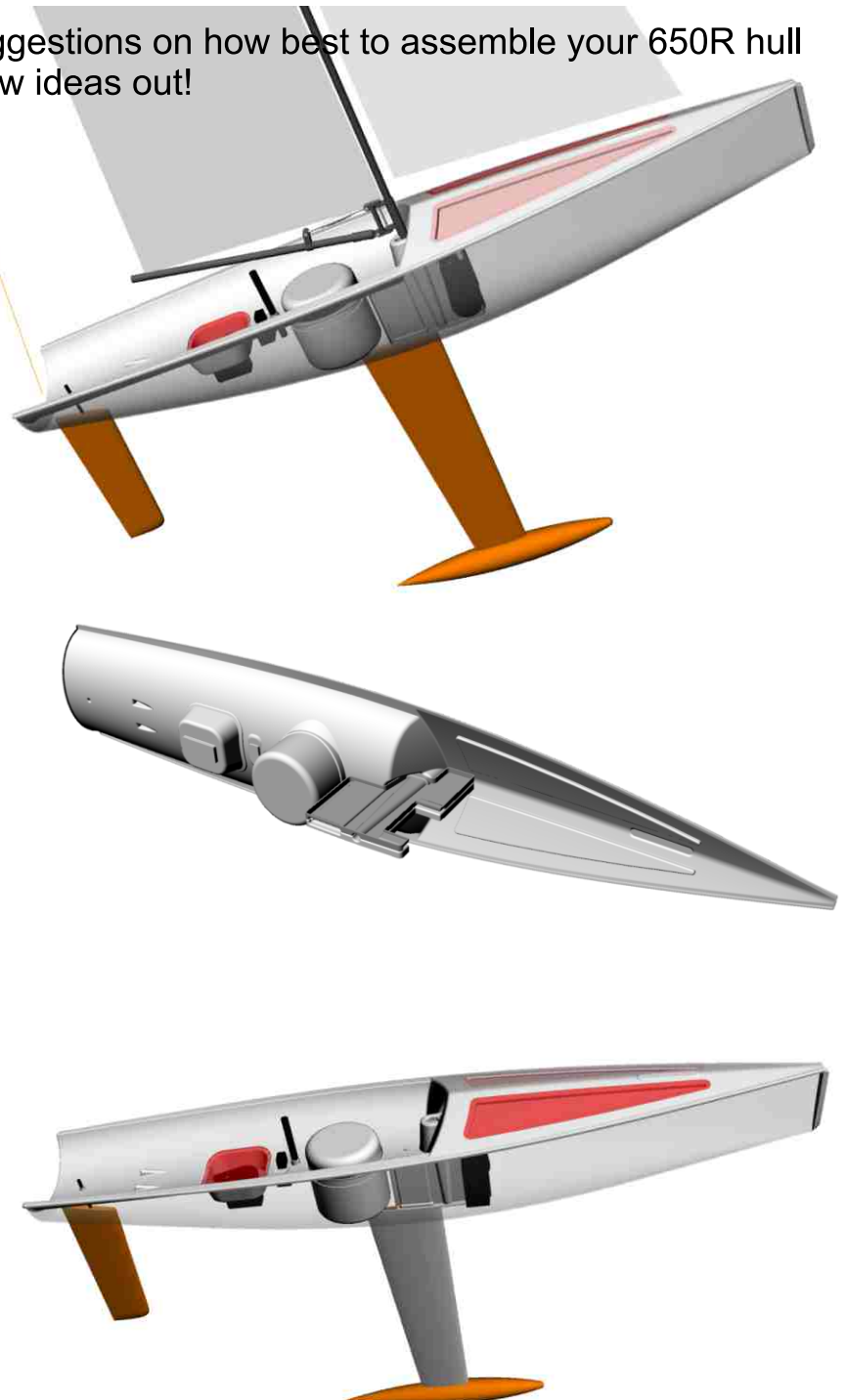
Sanding with 80Grit sandpaper and then 120Grit works best.

Options to consider when building:-

- single wire steering linkage
- top half of radio pot used only
- servo type (drum winch can be fitted)
- chainplate location (and shrouds?)
- sheet routing

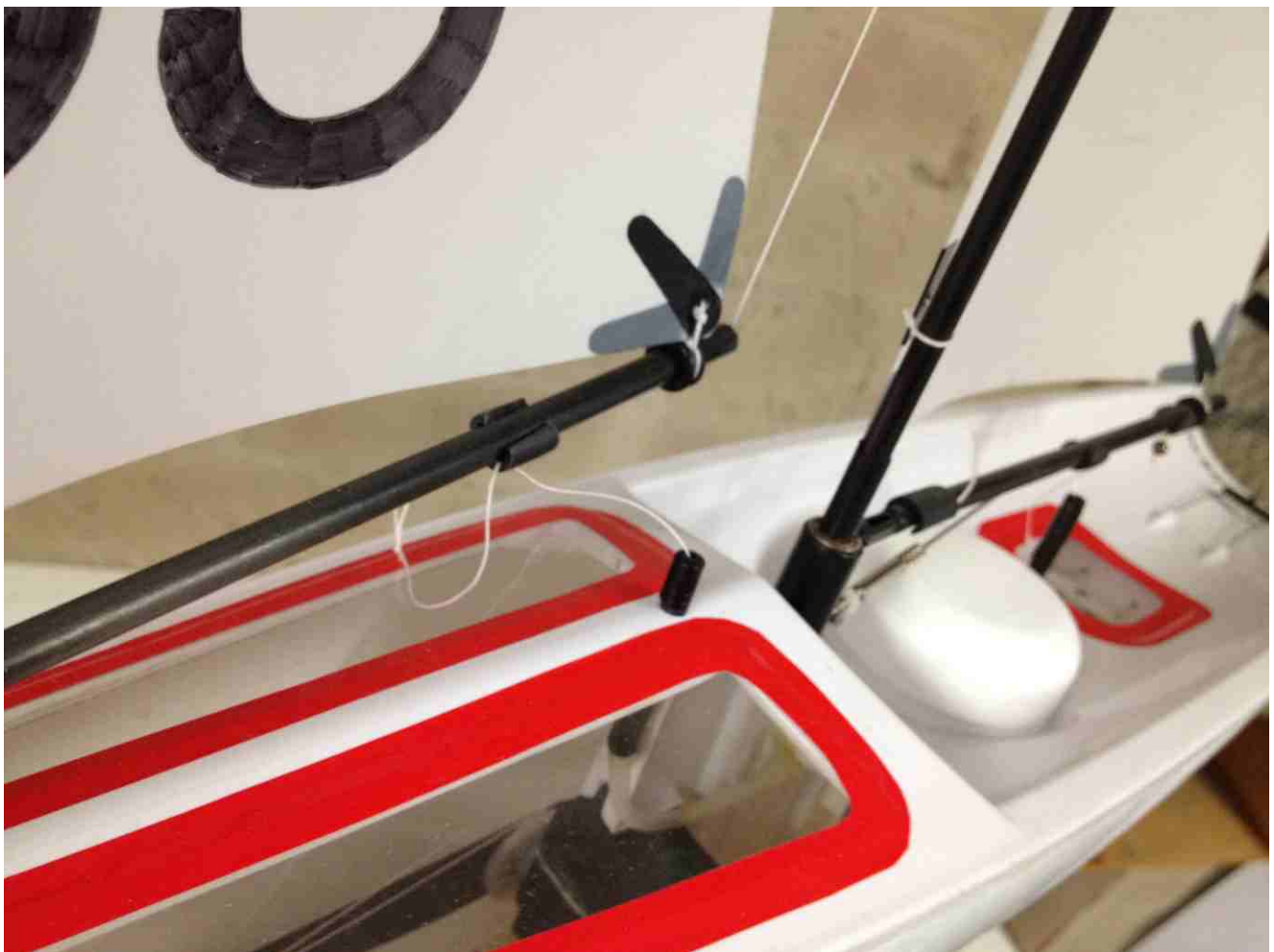
No matter how you build, enjoy!

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The finished 650R

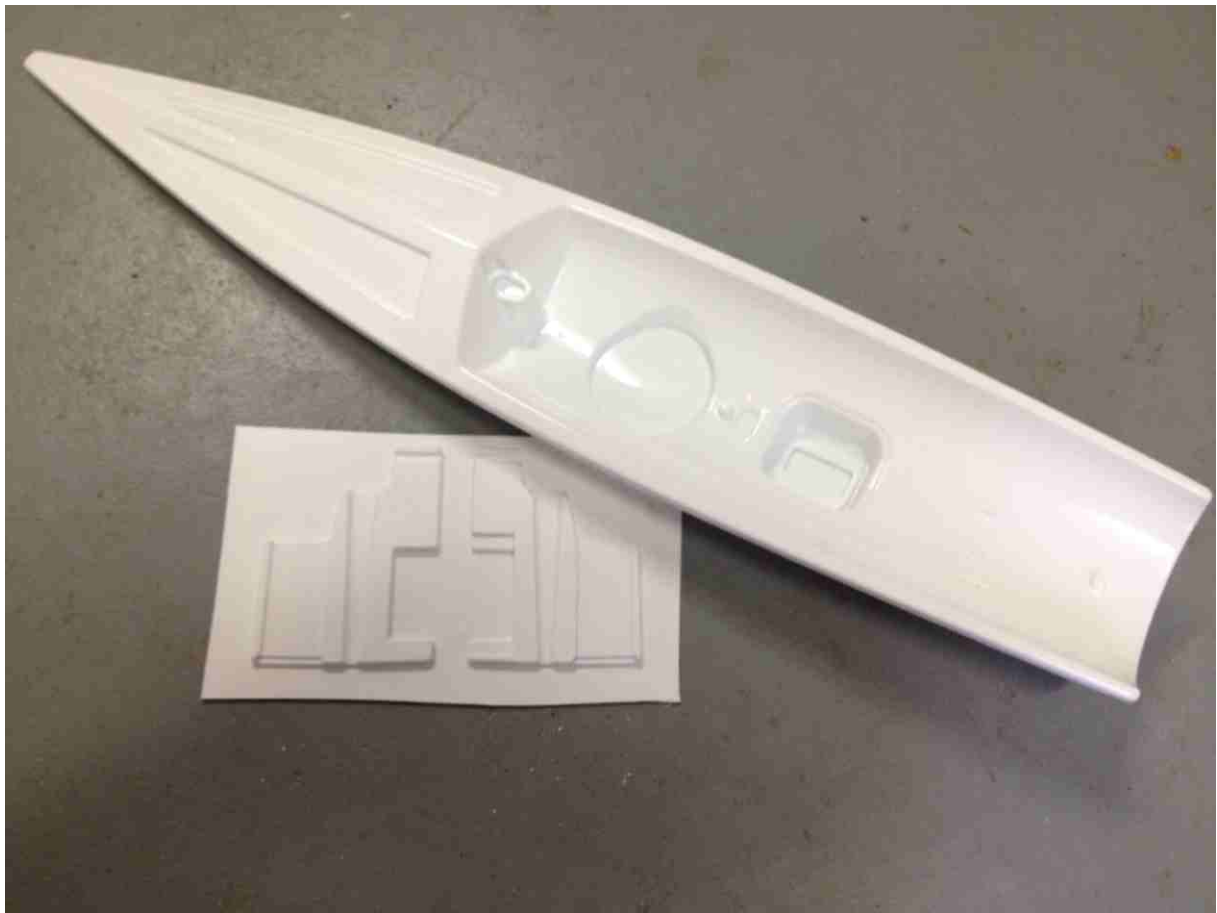




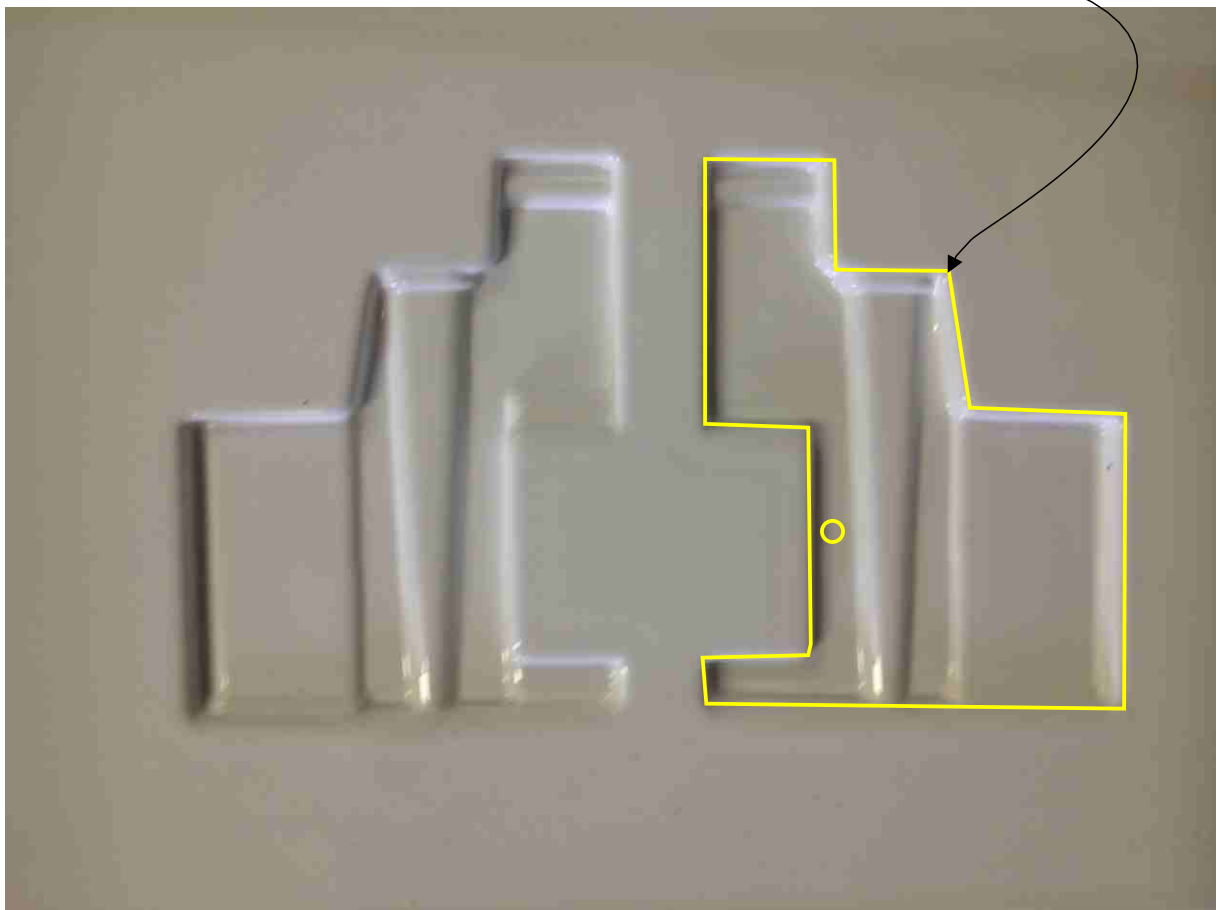


The finished 650R





Cut out keel box with a sharp knife along edges  
as below and drill a hole to suit cable tie and sand,  
see further on pictures also





Cut through foredeck hatch hole , main radio tub hole and steering servo mount hole then sand underside of openings.







Cut hole to suit switch (behind stub for mainsheet post) and mast opening





Trial fit hull to deck

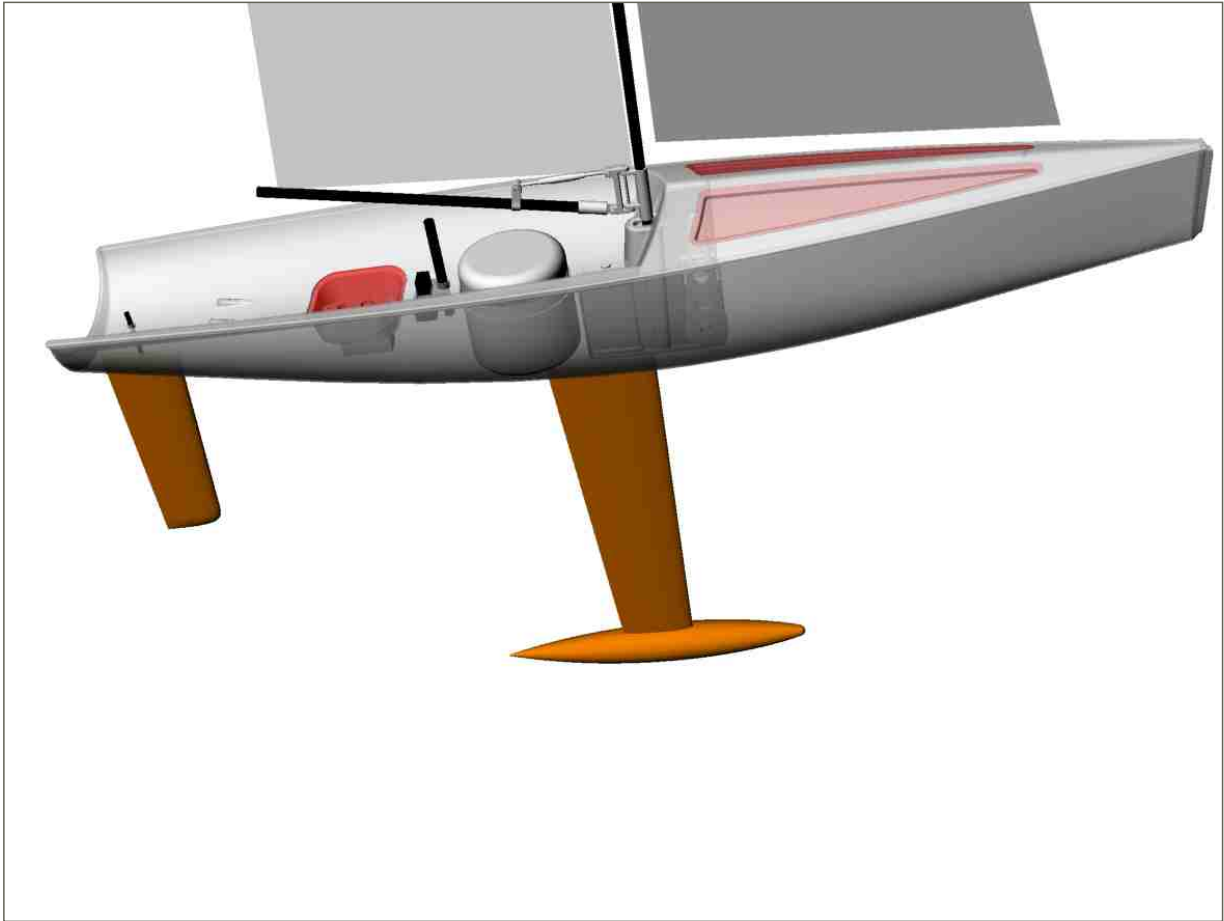






From underside of deck, sand openings to neaten and remove burs.





Glue 2 keel box sides together using keel blade to locate ensuring servo fits first





Trial fit keel box to deck, care taken to remove burs allowing mast area to locate fully







Top of carbon mast tube level with gunwhales (without cap fitted) may vary depending on how you build vang and boom.



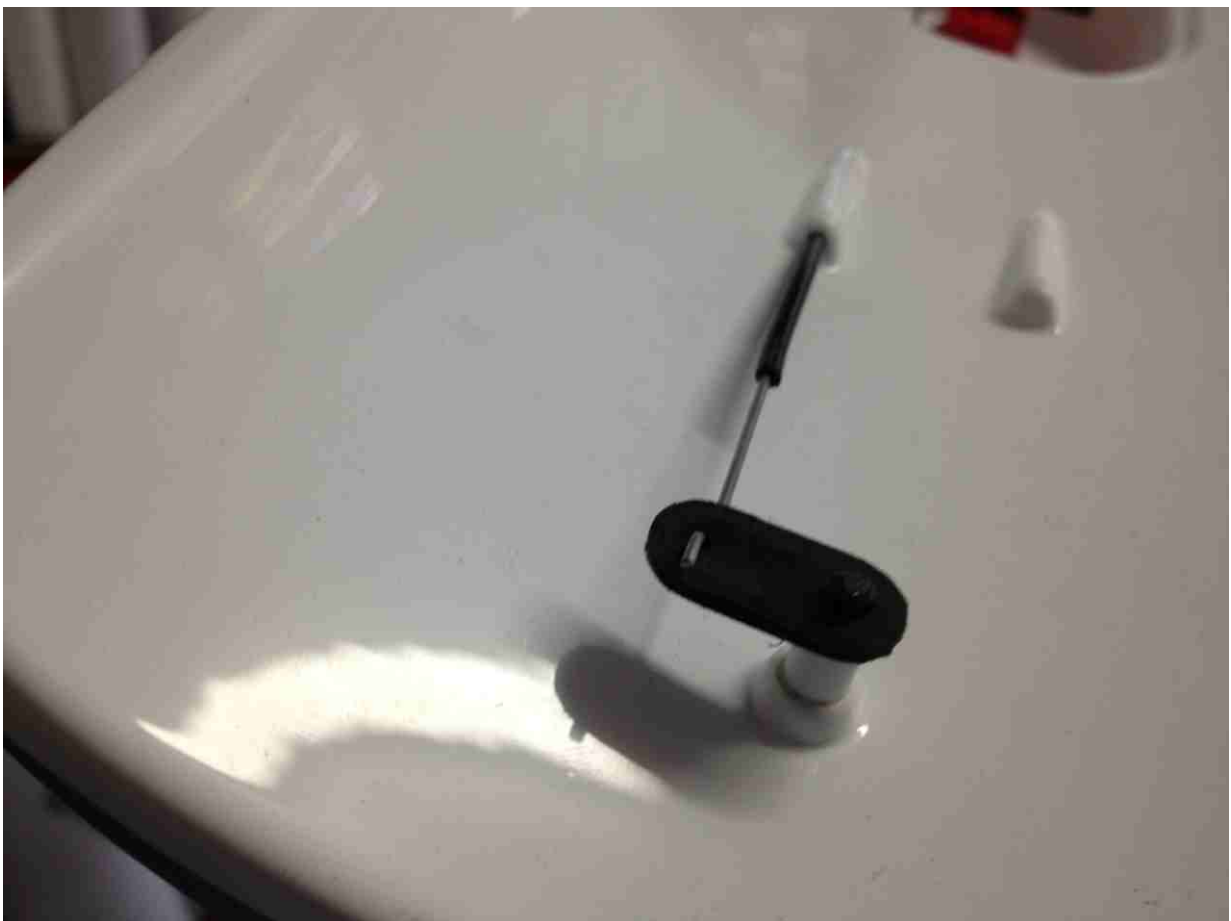


mainsheet tube routing (note this boat is using only top half of screw top jar)





steering can be one wire or two flexible wires, or 1 wire and second outlet for aerial





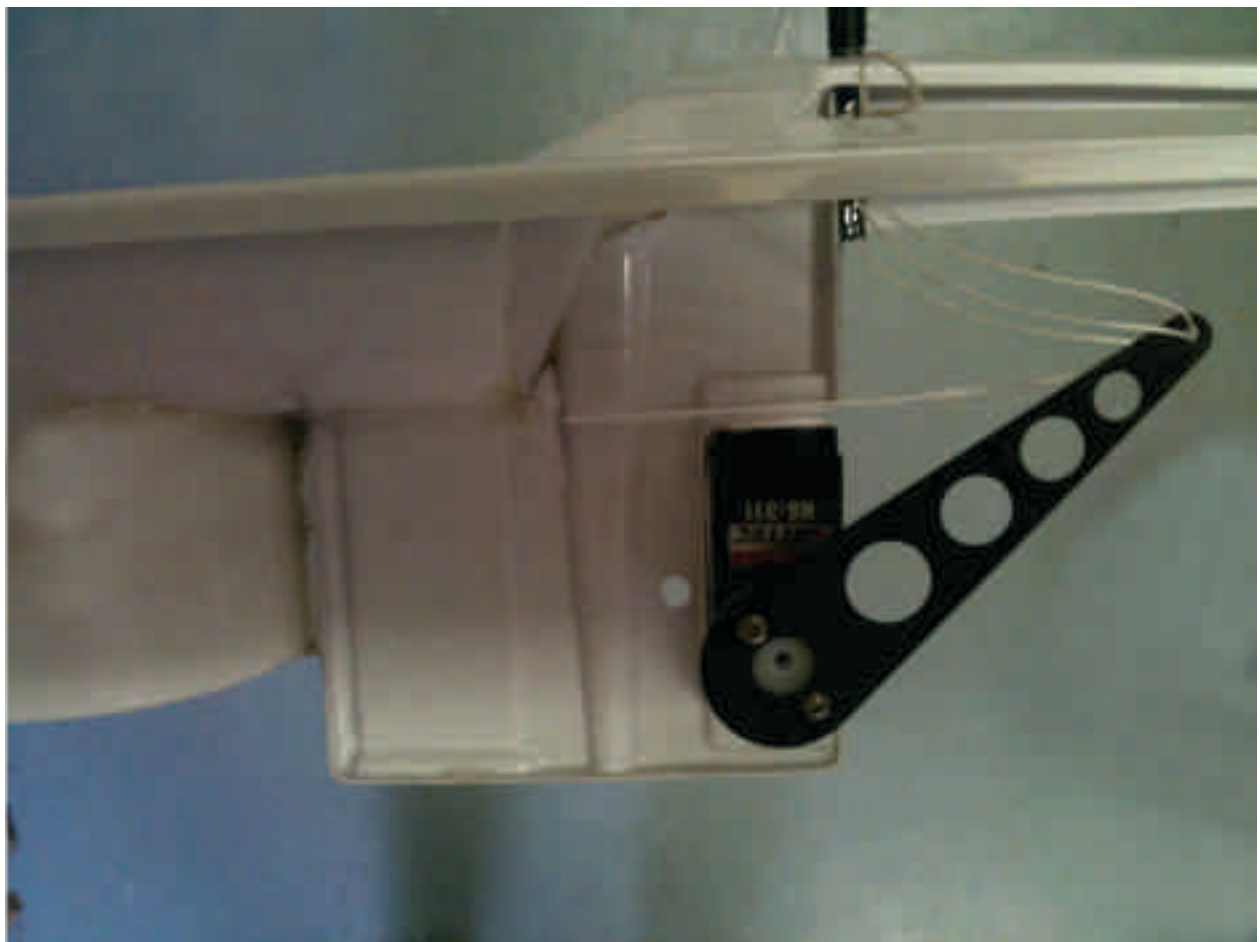


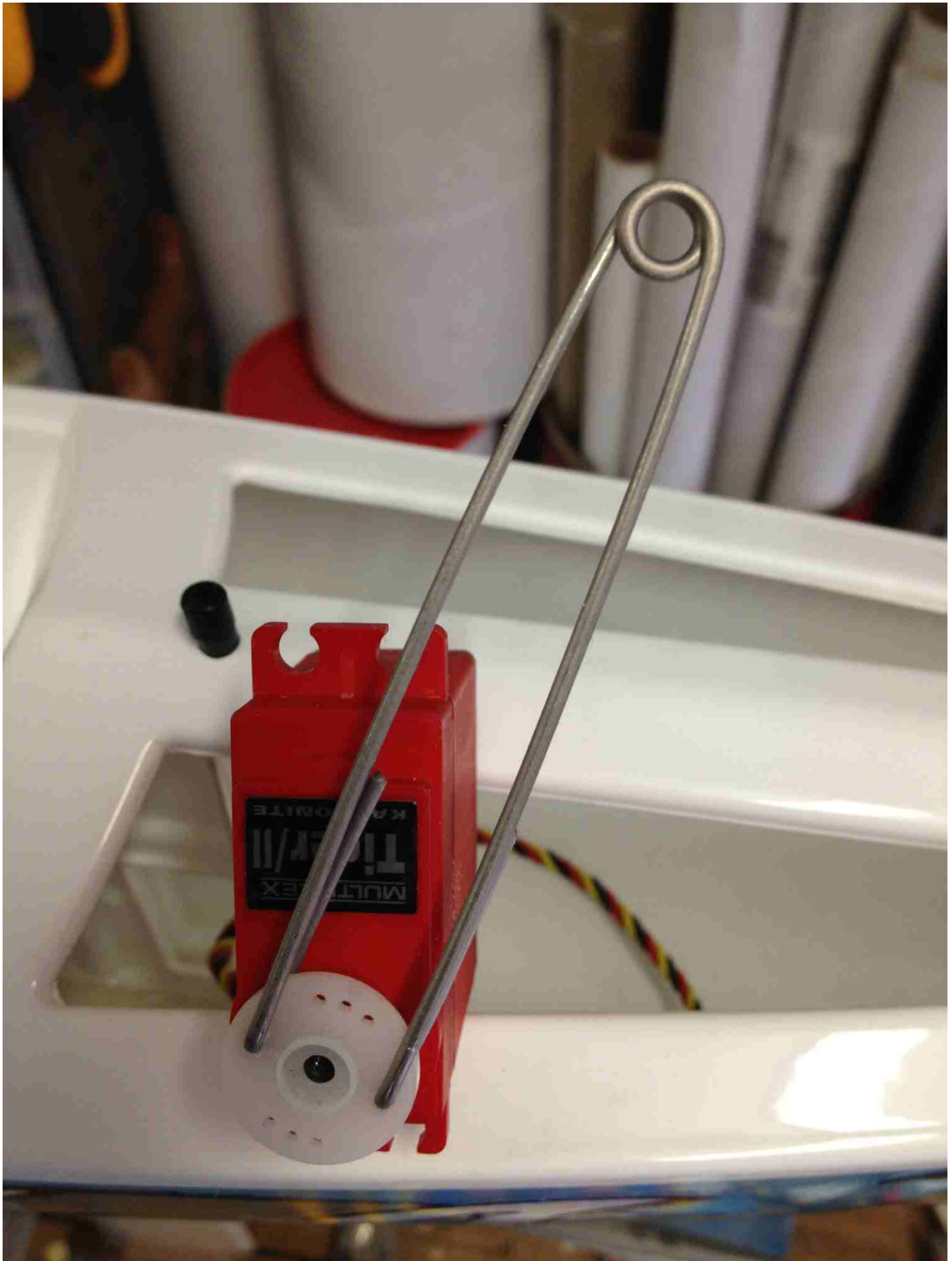
note reinforcing for servo screws





Front jib fairlead through deck.  
Sheet comes through this, through swingarm and ties off to deck





Typical servo arm, note a sail winch will also fit the keel box if preferred





Cable tie to hold servo into keel box, through hole pre drilled





Stainless steel U shape chainplates fitted through drilled holes in deck and glued from underneath





To cut out keel opening in hull drill holes and use knife to finish before sanding  
Once hull and deck with keel box are dry trial fitted together, finalise position of  
rudder tube hole in hull and drill hull.

Glue rudder tube to hull in position to ensure watertight finish for when  
deck is joined and glued.





Finished hull with pot, tubes , keelbox and switch fitted should be approx 200grams





Sticker and or paint!

