

SB3 Keel alignment

It was identified after the SB3 was launched and a significant number of boats had been manufactured that the front of the keel box was aligned 3mm to port. In consultation with the class, it was agreed to leave it where it was. Subsequently, as the SB3 has become more competitive there has been increased pressure from the class to allow sailors to re-align the keel in the keel box. This can be done as follows:-

The final objective is to move the leading edge of the keel to starboard by 3mm.



This can be achieved by shimming the front port side of the keel and can be done on both **TIGHT** and looser fitting keels – the looser ones that require extra shimming will require the shims to be equal on both sides of the keel, following the 3mm shimming on the port side.

Method

1. Take two standard 1.4mm shims as supplied



2. Abrade the surfaces to be bonded.



- a. Mark the area where the shims are to be glued on the keel with masking tape
- b. Lightly, but thoroughly abrade with sand paper

3. Round the bottom ends of the shims with sand paper.



4. Apply a waterproof contact adhesive to the shims and keel – let this go tacky and apply the shims (follow manufactures adhesive instructions)
5. Remove the masking tape.



6. Keel Buffers

It is important to ensure that the keel box buffers do not protrude outside of the keel surface as this will obstruct alignment. A small radius can be added to the buffer vertical corner if required. The buffers can be reduced in width and forward edges radiused using 80 grit abrasive paper.



If you have any problems please contact Rob Gutteridge on 00 44 (0) 1327 841 603