

## SANTANA 21 REMOVAL PROCEDURE OF KEEL

1. Two men are needed, one on the inside and one on the outside of the boat.
2. The man on the outside must chisel the putty out of the slot of the keel bolt and hold the keel bolt with a screwdriver. The man on the interior of the boat must remove the nut with a ratchet and socket.
3. After all the nuts are removed from the bolts, the bolts must be driven out through the bottom of the boat with a hammer. A new cable must then be installed the same as the old cable.

## SANTANA 21 KEEL INSTALLATION PROCEDURE

1. The Santana Keel has previously been fitted by the factory and all keel bolt holes are drilled by jig to proper size.
2. Lift boat to proper height to receive keel flange.
3. Mask 12" around keel recess of hull on bottom of boat to prevent excess resin putty from getting on gel-coated surfaces. Mask off entire keel except for sides and top of keel flange to keep excess resin putty from sticking to painted surfaces of the keel.
4. Take all portions of resin putty provided and pour into one container and add all catalyst provided and mix thoroughly. As soon as you have resin putty mixed apply all contents to top of keel flange evenly.
5. Set boat down on the keel flange and insert keel bolts and then start washers and nuts from inside the hull directly against the fiberglass. Make sure you putty with bedding compound under washers and nuts.
6. After keel bolts are cinched up evenly, go outside hull and check for alignment. Glaze in excess putty around keel flange and recessed area.
7. Let the boat sit for approximately an hour or more and then remove masking tape and smooth up putty around keel flange.