

## 230 Series Motor Removal/Replacement

### Removal of Old Motor

1. Do not remove the motor in the water. Note the position of motor before removing.
2. Remove sealant covering screws on end cap, and using Phillips #3 screwdriver remove end cap.
3. Cut away sealant inside end cap.
4. Remove wires and air vent from old motor.
5. Undo mounting hardware holding the motor to the mounting base with 7/16" and a #3 Phillips screwdriver.
6. Remove propellers and dowel pins from motor.

### Re-Installing New 230 Motor

1. Reattach mounting hardware holding the motor to the unit. Ensure motor is installed evenly on the mounting base same position as old motor.
2. Connect wires with brass nuts; moderately tighten with 1/2" wrench. Ensure that these are not overly tight
3. Fill the motor cap and the motor cap area where the wires are attached with a marine sealant (we recommend SIKAFLEX) and allow curing for at least six hours. If you do not use SIKAFLEX please follow manufacturer's curing directions.



4. Attach motor cap to the motor which will only fit one way. Insert screws (provided in kit). Add more SikaFlex where the wires are coming out of the motor. Remove excess SikaFlex.
5. Tighten the air tube.

**Note:** Use anti-seize on all stainless steel parts

### Installing Propeller to Motor

1. Insert prop pin in the shaft that comes out of the motor.
2. Slide propeller onto the shaft. Ensure that the prop pin is nested in the slot on the propeller. Please note the propeller only fits one way.
3. Slide on the washer and nut and securely tighten with an 11/16" socket wrench.