sideshift
DOCK LIKE A PRO

340/350 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. Disconnect power to the system by removing the positive lead on control box.
3. Undo the front mounting hardware holding the motor to the mounting base with 7/16” and a #3 Phillips screwdriver.
4. Cut the protection boots on motor and cut away sealant to access the brass connection studs
5. Remove wires and air vent from old motor.
6. Remove propellers and dowel pins from motor.

Re-Installing Motor Instructions

1. Reinstall motor to the mounting base with a 7/16” wrench and a #3 Phillips screwdriver. Ensure motor is installed evenly on the mounting base in the the same position as the old motor.
2. Slip the protection boots loosely over the cable ends
3. Connect wires with brass nuts; moderately tighten with 1/2” wrench. Ensure that these are not overly tight.
4. Pull the protection boots over the motor stud and cable connection.
5. Fill the protection boots 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.
6. Tighten the air tube and route to a dry location.

Note: Use anti-seize on all stainless steel parts

Installing Propeller to Motor Instructions

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, then the nut and securely tighten with an 11/16” socket wrench.