TIDES MARINE

RPB Type I Installation Overview

The following is a description of the installation procedures associated with the Type-I Rudder Seal. Installation.

1. Inspect that area of the rudder stock where the lip seal will rest and confirm that there is clean, smooth stock available to accept the lip seal. See note in item #7 for approximate installed length.
2. Block the rudder into position and disconnect the steering arm and rudder collar.
3. Remove the blocking and carefully lower the rudder so that the rudder stock is beneath the upper rudderbearing. Confirm that there is sufficient clearance between the end of the stock and the underside of the shelf to add the Type-I assembly, the hose and hose clamps.
4. Remove the old stuffing box, hose and clamps.
5. Inspect the upper end of the rudder stock. Remove any burrs, nicks or sharp edges which might damage the lip seal during installation or operation.

6. Insert the red installation hat all the way into the top of the Type-I to cover the thin sealing edge of the lip seal.
7. Determine the length of hose needed to complete the installation and cut squarely to length. Note: There should be no less than 1" of space between the bottom of the unit and the top of the existing rudder after the Type-I is installed.
8. Connect the hose to the Type-I assembly and add two hose clamps.
9. Slide the rudder stock up through the port. Place the remaining two hose clamps onto the barrel of the port.
10. Slide the assembly down the stock and over the rudder port. Secure with hose clamps.
11. Jack the rudder back into position (passing through the upper rudder bearing) and block in place.
12. Reconnect the steering arm and rudder collar.

NOTE: Before installing the rudder, insert the red installation hat into the lip seal. When rudder is in place, remove, invert, and replace it on top of the Type-I unit to keep debris off the lip seal during use.

Rudder Shelf

RPB Type-I

Connection Hose

Rudder Port