TIDES MARINE

RPB Type J Installation Overview

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

1. Inspect the rudder stock in the area where the Type-J lip seal will rest. Confirm there is clean, smooth rudder stock available in this area.
2. Block the rudder into position and disconnect the steering arm and rudder collar.
3. Remove the blocking and carefully lower the rudder until the rudder stock is beneath the upper rudder bearing and that sufficient space exists between the end of the rudder stock and the underside of the rudder shelf to add the Type-J unit.
4. Remove the packing nut (and backing nut, if present). To ensure proper thread size in the finished Type-J, send the backing nut to Tides when placing your order. It will be returned with your unit. Remove the flax packing.

5. Inspect the upper end of the rudder stock. Re move any burrs, nicks or sharp edges which might damage the lip seal during installation or operation.
6. Replace the backing nut and thread to the bottom of the bronze rudder port's threaded barrel. Insert the red installation hat completely into the Type-J making certain that it covers the thin sealing edge of the lip seal.
7. Coat the rudder port threads with thread sealant.
8. Thread the Type-J onto the rudder port and tighten with a strap wrench. Turn the backing nut up against the bottom of the Type-J and tighten
9. Carefully jack the rudder back into position. The rudder stock will pass through the red installation hat and upper bearing. Block in position.
10. 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-J unit to keep debris off the lip seal during use.

Rudder Shelf

RPB Type-J

Existing Rudder Port