

# TIDES MARINE

## RPB Type K Installation Overview

The following is a description of the installation procedures associated with the RPB Type-K. Installation instructions are included with each part and should be followed closely.

1. Inspect the rudder stock in the area where the lip seal will rest. Confirm there is clean, smooth rudder stock in this area.
2. Block the rudder into position and disconnect the steering arm and the rudder collar.
3. Remove the blocking and carefully lower the rudder until the rudder stock is clear of the upper bearing and there is sufficient clearance between the end of the rudder stock and the underside of the rudder shelf to add the Type-K unit.
4. Remove the nuts from the threaded posts and the rudder port collar. Remove the flax packing.
5. Inspect the upper end of the rudder stock and 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 Type-K until it covers the thin sealing edge of the lip seal.
7. Run a bead of marine sealant (such as Life caulk™ or 3-M™ 101) on the underside of the flange of the unit for a watertight seal. Slide the Type-K onto the rudder stock, carefully guiding it through the red installation hat.
8. Slide the Type-K down the rudder stock and over the threaded studs.
9. Replace the mounting nuts (and washers) on the threaded studs. Snug.
10. Jack the rudder back into position until the rudder stock passes through the upper rudder bearing. Block in place.
11. Tighten the mounting nuts.
12. Re-connect 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-K unit to keep debris off the lip seal during use.**

