

TIDES MARINE

The following is a brief description of the installation procedures associated with the URB-STD. Installation instructions are included with each unit and should be followed closely.

1. Block the rudder securely in position.
2. Remove steering arm and quadrant from rudder stock.
3. Disconnect rudder collar and remove.
4. Remove existing rudder bearing.
5. Fill the bolt holes left in the shelf from the old bearing with fiberglass and resin.
6. Slide the URB-STD onto the stock and into position on the rudder shelf.
7. Align/rotate the URB-STD so that new bolt holes can be drilled through the shelf. If necessary, Tides has backing plates available for additional strength.
8. Drill through the shelf using the “bushed” installation holes in the URB-STD as a template.
9. Insert stainless steel bolts through the assembly and secure to the rudder shelf. Be certain to use bolts which are sized to match the “bushed” holes in the URB-STD. Do not under size. Large fender washers or a backing plate should be used against the bottom of the rudder shelf.
10. Reposition the rudder collar so that it rests upon the flat surface of the ball-type bearing in the URB-STD and secure. Use washers, as necessary, to align rudder collar with original set screw “dimples”.
11. Remove the blocking from the rudder and verify that the rudder swings freely.
12. Reassemble the other steering components.

