



SmallWaterCraft LLC
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INSTRUCTIONS

XG0472_a

Rudder Bushing/ Rudder Assembly Replacement Guide

REVISION DATE: July 27, 2006

TOOLS REQUIRED:

Drill with #10 or 3/16" bit
Pop rivet tool

PARTS INCLUDED FOR RUDDER BUSHING ASSEMBLY:

- (1) 0582 Rudder bushing set with gaskets
- (3) 0071 Rivet, 1-1/4"
- (1) 3914 Rivet, 7/8" Multigrip
- (3) 0110 Flat washer, #10
- (4) 0076 Rivet, explosion

ADDITIONAL PARTS INCLUDED FOR RUDDER ASSEMBLY:

- (1) 0622 Tiller post assembly
- (1) 0581 Rudder bracket w/ clevis pin & ring

TO INSTALL:

1. Remove the rear cover plate. To do this, carefully drill out the four rivets securing it to the deck. Try to break the caps off the rivets first by rocking the drill slightly from side to side while drilling slowly. Then the shaft of the rivet can be pushed into the boat.
2. Disconnect the steering rod from the tiller post by removing the clevis pin and cotter ring. Remove the tiller post and bracket by drilling out the rivet securing the lower bracket to the post.
3. Carefully drill out the three rivets in the rudder bushing. Remove the old bushing and bottom plate.
4. Insert the male part of the new bushing through the boat deck and place the female plate on the hull underneath. Make sure the gasket side is against the hull. Line up the holes in the bushing and plate with the holes in the boat. Insert (3) rivets, 0071, through the holes in the top bushing. Press the male bushing and female plate tightly together. Fasten rivets with backer washers 0110.
5. Reinstall the tiller post and lower bracket with the remaining rivet, 3914. Tiller post arm must point to port (left). Reconnect the linkage rod and replace the rear cover plate with the (4) 0076 explosion rivets.

