

## REMOVING A MODEL MM

Refer to the spare parts drawing for item #'s.

- 1 Remove the capstan washer & screw, #'s 1 & 2. Right handed screw.
- 2 In theory the capstan should slide off the shaft. If not soak the top of the shaft with penetrating fluid. Try forcing the capstan up with a pair of small pry bars or wedges. If this does not work use a small wheel puller. Protect the top lip of the capstan and attach the jaws grabbing the top lip. Clamp or lash the jaws to keep them from spreading. Apply pressure, if the capstan does not move apply heat to the top of the capstan close to the main shaft with a small torch.
- 3 Remove the drive pin # 4. The pin is not tapered. Use a drift & hammer to drive it out.
- 4 Spray penetrating fluid around the main shaft # 8 where it comes out of the deck plate bushing # 7. Use a rubber hammer, or a piece of wood and a hammer, tap around the outside diameter of the main shaft just above the deck plate bushing.
- 5 Insert a small screwdriver through the hole in the shaft where the drive pin was. This will prevent the gear case assembly from falling into the boat when removing the deck bolts. Remove the deck bolts and nuts #'s 5 & 9.
- 6 If the main shaft is not frozen to the deck plate bushing then the shaft will drop down and the screwdriver will hold the assembly from falling into the boat. With one person holding the assembly from below have another remove the screwdriver. Pull down the assembly.
- 7 If the assembly does not drop down try twisting and pulling from below. If this does not work, use a piece of wood and drive the shaft down through the deck plate. In some cases the deck plate bushing may be so frozen to the main shaft it will be driven out of the deck plate with the shaft. The bushing can be removed later.

