and long life from your new Maxwell Winches. The procedures described in this booklet will ensure top performance and prevent premature maintenance. By carrying out the simple maintenance required for your precision-engineered Maxwell Winches, you are now the proud owner of a fine Maxwell Winch. Maxwell Winches
INSTALLATION

1. When mounting winches use only 316 Stainless Steel fastenings. Hex heads captive to allow mounting by one person. Access to mount is by removing drum.

2. Mount winch with the output gear that engages the drum pointing in general direction of incoming line.

3. Incoming line must lead up to winch at an angle of between 95° and 120° to vertical axis of winch.

4. Ensure prior to mounting that the deck is adequately reinforced, that the mounting area is flat and that suitable backing is provided for the mounting bolts.

5. Bed the base on a light coating of sealing compound and tighten bolts firmly.

6. Ensure drainage slots in bottom of base are clear.

7. Before replacing drum on geared winches, check that the screws fixing the pedestal to the base are tightened down hard.

8. Self-tailing winches — after mounting adjust stripper arm on spline to unload line conveniently into cockpit. Range of line diameters quoted are based on quality yachting braids.

FREQUENCY OF SERVICING

Monthly — Lift drum and generally spray interior with CRC6-66 or WD40. Check that drainage slots in bottom of base are clear.

Bi-monthly — Carry out the procedure described in the following pages.

End of Season — Completely strip, carrying out procedures herein, before storage.

Externally — Clean winch with cloth damp with kerosene (paraffin). Lightly spray with CRC6-66 or WD40 and polish off with clean non-fluffy cloth. Natural luster of bronze winch drums can be restored by polishing with mild abrasive liquid polish. Don't use on chrome or alloy drums.

IMPORTANT

Failure to carry out the maintenance service as described herein will invalidate warranty.

WARNING

It is important, as with any ratchet mechanism to ensure that:

- On non-geared winches that the pawls, springs and ratchet teeth are kept in good condition and that they function properly.
- On geared winches that the clutches and springs are kept in good condition and that they function properly.

Malfunction of the ratchet mechanism could cause the handle to be driven backwards with considerable force and may cause bodily injury.
(q) Lightly grease threads and underside of retaining cap, reel and tilt arm frame.

6. (a) Remove pedestal from base.

5. (a) Remove all parts by hand including pedestal (fingers 22 through 74 only.)

4. On some models, also remove bearing race from drum.

3. On tilt arm models, also remove pedestal main bearing.

2. Also remove stainless steel bearing race.

1. Take care to remove pedestal (primer) from inside top and bottom of bearing races from inside cap and pedestal or where shell bearings and stainless steel races.