

## Rebuilding a Model CWM or H1F

The Model CWM is a robust little windlass that with rebuilding can easily last 40 years or more. To see an example of a rebuild go to our web site: [idealwindlass.com](http://idealwindlass.com) and hit the “rebuild” button on the left side of the home page. Almost anything can be rebuilt. The advantages of rebuilding are many. The windlass you started out with is a high quality product. It will install back in the same holes without having to make any deck costly deck modifications. No modifications will have to be done to the wiring.

It is hard to estimate the cost without seeing the windlass. Once we examine the windlass we can give you a detailed estimate. [Below are some typical costs.](#)

[Labor](#) usually falls in the 3 – 5 hour range at \$65.00 an hour

[Expendable parts](#) usually replaced, friction discs, drive pins, oil seals, thrust bearing, (items 4, 6, 9, 25 & 32) \$198.00

The above is generally what needs to be replaced. The rebuild can get more expensive if the unit requires gears or a motor.

Motor worm gear, (item 22) \$83.95. Main shaft worm gear, (item 10) \$205.95

[Motor repair](#) can run between \$350.00 - \$500.00. Many times the existing motor just needs to be cleaned out and adjusted.

That takes care of the mechanical end of it. To make it look brand new you can have the hardware [rechromed](#): capstan, capstan washer, capstan screw, inside & outside friction plates, wildcat & release wheel, (items 5, 7, 14 – 18 on the parts drawing) \$390.00.

The [worse case scenario](#) would be to replace the gearing, \$289.90, the motor, \$565.95, expendable parts, \$189.00, rechrome the hardware, \$390.00, and labor \$325.00 for a total of \$1760.00. The cost of a new Model CWM, which has become the model H1F is \$3554.00.

[Other options](#): Non-reversing windlasses can be made to be [reversing](#). If the existing motor is reversing additional controls are all that is needed. See our brochure on reversing kits. Older CWM's built before the late 70's have single posted non-reversing motors. All replacement motors are reversing.

Hard [Urethane capstans](#) are available for handling short lengths of chain. This a great option for people using several feet of chain at the end of the anchor rode. This capstan has small whelps to help grip the chain and fits on the original shaft with no modifications. The capstan comes in black only.

[Rope chain combination wildcats](#) are available for two sizes of chain; 5/16 HT or 3/8 BBB and one size of line, 5/8. The existing hawse pipe chain stripper will also need to be replaced. Combination anchor rodes need proper alignment, deep lockers and continual pressure to work properly.