

Rebuilding a Model V1A

The Model V1A is a rugged 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 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, drive pin, oil seal, thrust bearings, bushings & expansion plug (items 4, 7, 15, 16, 23, 27 & 36) \$184.00

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 11) \$83.95. Main shaft worm gear, (item 12) \$205.95

[Motor repair](#) if 12 volt can run between \$350.00 - \$500.00

To [rechrome](#) the hardware: capstan, capstan washer, screw, deck plate & deck bolts (items 1, 2, 3, 5 & 6 on the parts drawing) \$255.00

The [worse case scenario](#) is when we build a complete new gearbox all assembled with gears, shaft, bearings etc, and attach a new motor. New gearbox, \$785.00. New 12 volt motor complete with gear & bearing, \$689.95. This together with rechroming the above deck hardware gives you pretty much a brand new windlass at much less than the cost of a new windlass. $\$785.00 + \$689.95 + \$255.00 = 1729.95$ vs. \$2521.00 for brand new.

[Other options](#): The windlass can be converted to have a chain wildcat. See information on conversion kits.

A hard plastic capstan is available that allows short pieces of chain to be wrapped around the capstan. 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.