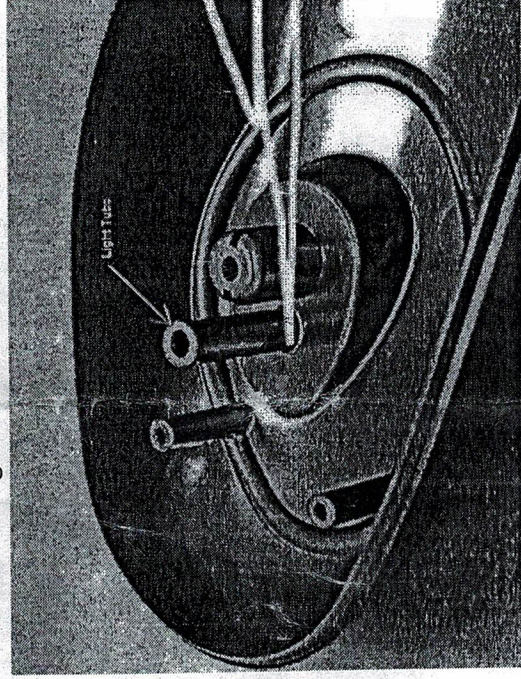


# PD COVER REWORK INSTRUCTIONS & BOARD REPLACEMENT FOR 2994058 & 2994059 COMPASS BOARD

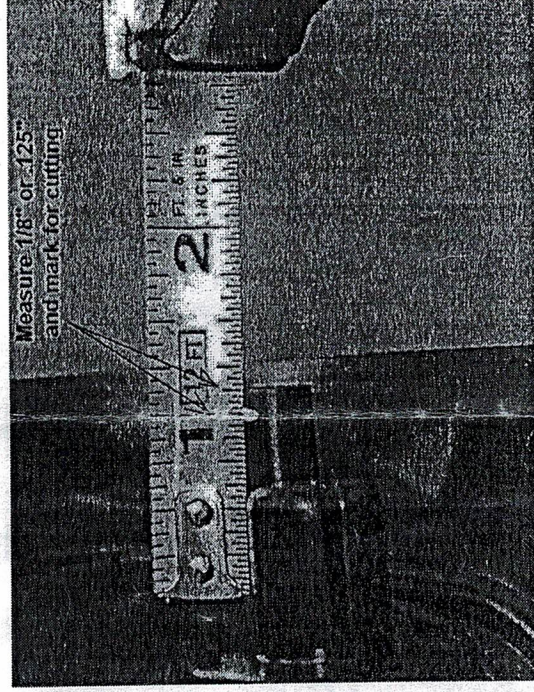
## 2884024 & 2884025

This cover procedure to remove the light tube will only be used when replacing a non-potted compass control board with a new potted board 2994058 or 2994059. For board wiring instructions, see Step 4.

**Step 1.** Turn the cover over and locate the light tube. It is the tallest protrusion standing.



**Step 2.** Using a measuring device, measure and put a mark  $1/8$ " (0.125") minimum,  $1/4$ " (0.25) maximum from the end of the tube.



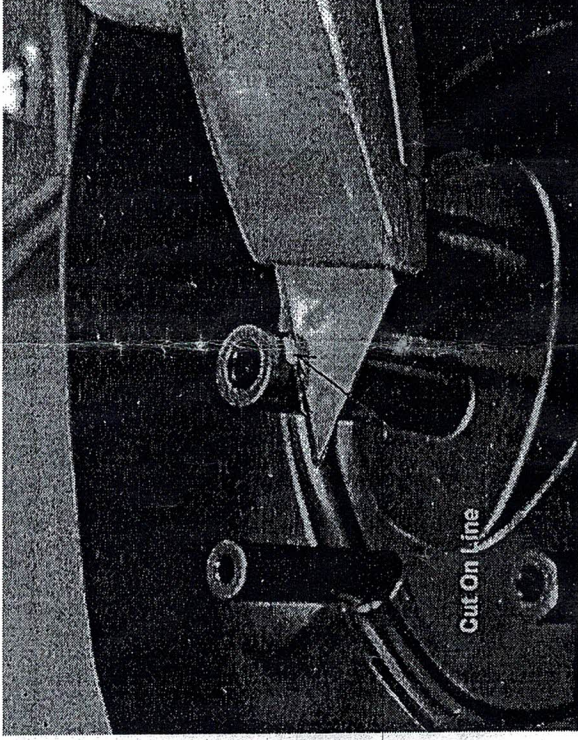
**NOTE:** For Saltwater motors, shrink tune MUST be used on all connections to the compass board.

**Step 3.** There are many options for removing material from the light tube. A knife, cutting tool, sander, and file are all options, use the means that works best for you. The cleanest way is to use a knife. The knife method: set the cover on its side on a hard surface. Using a sharp knife, **BE SURE TO CUT AWAY FROM YOURSELF**; roll the knife up and down. After a few moves, the tube should slice through.

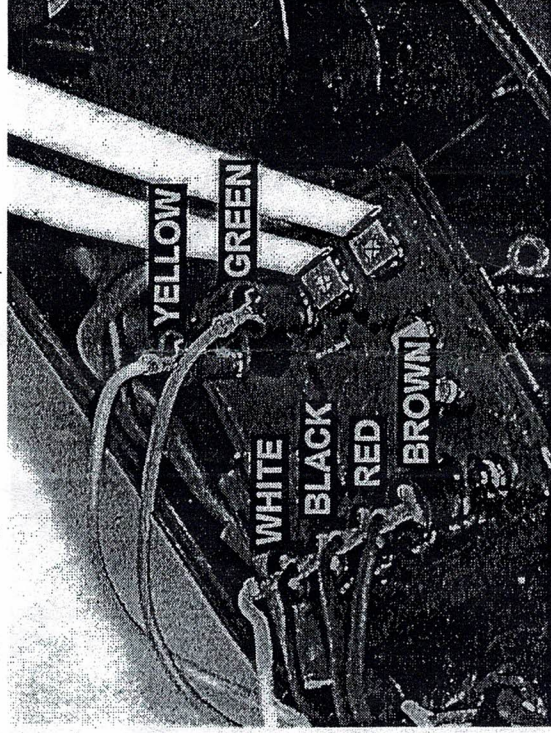


## PD COVER REWORK INSTRUCTIONS & BOARD REPLACEMENT FOR 2994058 & 2994059 COMPASS BOARD

**NOTE:** If a side cutter or other pinching means is used, be sure to use a pliers or other tool to form the tube so it is round again, re-opening the hole may also be necessary.



**Step 4.** Remove the old compass board and replace it with the new potted one making sure to attached the terminals correctly as shown. **NOTE:** If the motor is being used in a harsh environment, such as saltwater, you may use the sealing heat shrink, such as Minn Kota p/n 2305401 to seal each individual connection making sure that the heat shrink seals to the wire and goes over the terminal insulator.



This completes the rework of the PD/AP cover for the new potted compass board. If you have any questions or comments regarding this installation procedure, or the new compass board, please call, 1-800-227-6433 or visit our website at <http://www.minnkotamotors.com/service/contact.aspx> to send us an email.